T.O. 12R2-2URC-104

MX-62-046

TECHNICAL MANUAL

ILLUSTRATED PARTS BREAKDOWN

RADIO SET AN/URC-98, AN/URC-98A AND RADIO SET AN/URC-99, AN/URC-99A

Magnavox Government and Industrial Electronics Company
Contract No. F19628-79-C-0051 and F19628-85-C-0016

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Published under authority of the Secretary of the Air Force

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A	0
i	0
ii blank	0
1-1 thru 1-5	0
2-0 thru 2-42	0
3-1 thru 3-7	0
3-8 blank	0
4-1 thru 4-2	0

* Zero in this column indicates an original page.

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SECTION I

INTRODUCTION

1-1. GENERAL. This Illustrated Parts Breakdown lists, illustrates and describes the parts used in Radio Sets AN/URC-98, AN/URC-98A, and AN/URC-99, AN/URC-99A manufactured by the Magnavox Electronics Systems Company Fort Wayne, Indiana.

1-2. MAINTENANCE PARTS LIST. The Maintenance Parts List (MPL), (Section II), consists of the complete Radio Set AN/URC-98, AN/URC-98A, and Radio Set AN/URC-99, AN/URC-99A divided into main groups. The main groups are broken down into assemblies, subassemblies and details. Each item is arranged to indicate its relationship to its next higher assembly. Each of the assemblies and subassemblies listed is followed immediately by its component parts. The relationship of the first item of each separately illustrated assembly or subassembly to its next higher assembly is indicated followed by the nomenclature of the first item. In general, the assemblies and parts installed at the time the end item was manufactured are listed and identified in the manual. When an assembly or part (including vendor items) which is different from the original was installed during manufacture of the later items, series, or blocks, all assemblies and parts are listed (and "Usable on" coded). However, when the original assembly or part does not have continued application (no spares of the original were procured or such spares are no longer authorized for replacement), only the preferred assembly or part is listed. Also, when an assembly or part was installed during modification, and the original does not have continued application, only the preferred item is listed. Interchangeable and substitute assemblies and parts, subsequently authorized by the Government, are not listed in this manual; such items are identified by information available through the Interchangeable and Substitute (I & S) Data Systems. Refer to T.O. 00-25-184. When a standard size part can be replaced with an oversize or undersize part, the latter parts, showing sizes, are also listed. Repair Parts Kits and Quick Change Units are listed when they are available for replacement.

a. Figure and Index Number Column. This column lists the figure and index number of each part illustrated in the corresponding figure. The index numbers are in numerical sequence and indicate the order of disassembly except where the order of disassembly does not apply. Index numbers identify each part shown in the corresponding figure, with the exception of subassemblies and attaching parts which are not illustrated separately. In these cases they are listed, but not indexed. The component parts of the subassemblies are both listed and indexed.

b. Part Number Column. This column lists the contractor's drawing number, including dash number, assigned to each part and vendor part numbers of parts used by the contractor exactly as produced by the respective vendor. Those parts which have Government Standards numbers assigned to them have the Government Standards number listed. Parts altered or selected for special fit, tolerance, etc., from vendor, commerical or government standard items have contractor part numbers. The vendor, commerical or Government Standards part number of the altered or selected part follow the part description in the Description column.

c. FSCM Column. This column list a 5-digit code number denoting the vendor from whom the part may be procured is shown following the part number. The source of vendor code numbers is the Federal Supply Code for Manufacturers (FSCM) Cataloging Handbook H4-1. A list of applicable vendor code numbers and corresponding vendors follows:

CODE	VENDOR NAMES AND ADDRESSES
37695	Magnavox Government and Industrial Electronics Company 1313 Production Road Fort Wayne, IN 46808
55322	SAMTEC New Albany, IN
72962	ESNA Division of Amerace Corp. 2330 Vanxhall Road Union, NJ 07083
74868	Bunker Ramo Corp. Amphenol Connector Div. 2801 S. 25th Ave. Broadview, IL 60153
77147	Patton-Macguyer Co. Division of Avid Corp. 17 Virginia Ave. Providence, RI 02905
78189	Illinois Tool Works, Inc. Shakeproof Division St. Charles Road Elgin, IL 60120
80205	National Aerospace Standards Committee Aerospace Industries Association of America Inc. 1725 DeSales N.W. Washington, DC 20036
81349	Military Specifications Promulgated by Military Departments/Agencies Under Authority of Defense Standardization Manual 4120 3-M
81350	Joint Army-Navy Specification Promulgated by Military Departments Under Authority of Defense Standardization Manual 4120 3-M
88044	Aeronautical Standard Group Department of Navy and Air Force Silver Springs, MD
96906	Military Standards Promulgated by Military Departments Under Authority of Defense Standardization Manual 4120 3-M

d. Description Column. This column contains the description of all item appearing on the Maintenance Parts List. The indentation headed "1" through "7", in this column shows the relationship of parts and subassemblies to assemblies. The description consists of the approved item name, as found in the Federal Item Identification Guide for Supply Cataloging Handbook H6-1, or are in accordance with the contractor's drawing title, plus modifiers that are necessary to identify the particular item. Additional information may follow the item description and list of alternate part numbers, as required to give stock ordering information, exceptions to the Usable On Code for the item, references to preceding and subse-quent figures concerning assemblies and subassemblies, etc. These data are to be considered an integral part of the item description to assure the correctness of repair and maintenance procedures.

e. Attaching Parts. These are used to attach parts or assemblies to each other and are listed immediately after the part to be attached. The attaching parts have the same indentation code as the parts attached. The code (AP) appears on the same line with and immediately following the item identified as an attaching part.

f. Units Per Assembly. This column contains the number of units required per assembly and/or subassembly. If more than one assembly is required, the total number of assemblies is listed. When an assembly or subassembly is listed more than once, the total number of units per assembly or subassembly appears the first time and REF for subsequent listings.

g. Usable On Code. This column shows the Usable On Codes for systems, assemblies and parts to indicate specific usability by part number. Explanations of the usable on codes are provided at the bottom of the applicable page. The codes A, B, C etc., when shown within a group relate the part back to the same coded part within the next higher assembly. When this column is left blank, an assembly or part is common to all part number variations of the next higher assembly.

1-3. NUMERICAL INDEX. The Numerical Index (Section III) is compiled in accordance with the numerical part number filing system described in paragraph a.

a. Part Number Column. This column contains all the part numbers that appear in the Maintenance Parts List and part numbers that have been assigned to detail parts assembled into the end article. The order of procedure establishing the sequence in which the part numbers are listed is explained below. The order of precedence in the first position of each part number is Letters A through Z, Numerals 0 through 9.

NOTE

Alphabetical 0's are considered as numerical zeroes in all positions in each part number.

The order of precedence in the second and succeeding positions in each part number is as follows:

(1) Space (blank column).
(2) Diagonal (/).
(3) Period (.).
(4) Dash (-).
(5) Letters A through Z.
(6) Numerals 0 through 9.

The following is a sample of part numbers arranged in sequence used in the Numerical Index.

AN3140-327	FTSM-1	107003-513
CK706A	RC20GH100J	118655-2
C3122-12-1	1-2-3	147583-1
C3122-8-1	1N456	2N118

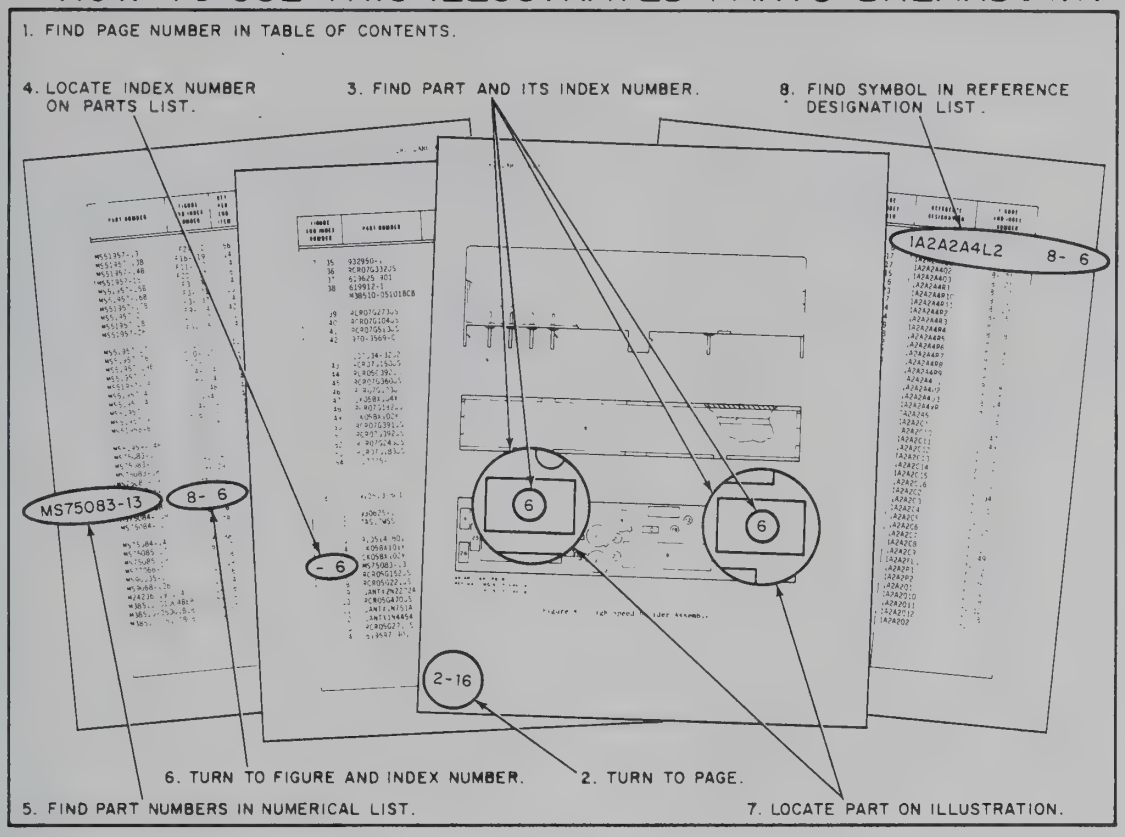
b. Figure and Index Number Column. For each part number, the figure or figure and index number refers to the Maintenance Parts List where parts relationship is shown. For government standard parts and contractor standard parts only, the first figure and index number that occurs will be listed. When an assembly or part has not been assigned in index number, the figure and index number of the preceding part in the Maintenance Parts List is used with the letter "F" before the figure number, such as F7-6. The letter "F" denotes "follows".

c. Quantity Per End Item. In the "QTY PER END ITEM" column, the quantities listed are the number of unit parts required per ITEM and are the largest quantity required for any one ITEM. Government standard parts (AN, JAN or MS) and contractor standard parts listed for reference purposes have "REF" inserted in the column.

d. Source Code Column. This column contains the source code definitions of applicable source, maintenance, and recoverability (SMR) codes as set forth in TO: 00-25-195.

1-4. REFERENCE DESIGNATION INDEX. The Reference Designation Index (Section IV) lists, in alphabetical-numerical order, the reference designations used in schematic diagrams and instruction books applicable to Radio Sets AN/URC-98, AN/URC-98A and AN/URC-99, AN/URC-99A. Opposite the reference designation is listed the figure index number as shown in the Maintenance Parts List.

HOW TO USE THIS ILLUSTRATED PARTS BREAKDOWN


1. FIND PAGE NUMBER IN TABLE OF CONTENTS.
4. LOCATE INDEX NUMBER ON PARTS LIST.
3. FIND PART AND ITS INDEX NUMBER.
8. FIND SYMBOL IN REFERENCE DESIGNATION LIST.
1A2A2A4L2 8- 6
MS75083-13
8- 6
- 6
6
6
2-16
6. TURN TO FIGURE AND INDEX NUMBER.
2. TURN TO PAGE.
5. FIND PART NUMBERS IN NUMERICAL LIST.
7. LOCATE PART ON ILLUSTRATION.

HOW TO FIND THE PART NUMBER IF THE ASSEMBLY IN WHICH THE PART IS USED IS KNOWN.

(1) Turn to the Table of Contents and find the page number for the assembly in which the part is used.

(2) Turn to the page determined in step (1).

(3) Locate the part and its index number on the illustration.

(4) Find the index number on the Maintenance Parts List Page to determine complete description.

HOW TO FIND THE ILLUSTRATION FOR A PART IF THE PART NUMBER IS KNOWN.

(5) Refer to Section III, "Numerical Index", and find the part number.

(6) Turn to Section II and find the figure and index number indicated in the "Numerical Index" for that part. If this shows the part in a section other than the one desired, refer to additional figure numbers lsted in the "Numerical Index".

(7) Find the index number on the illustration determined in step (6).

HOW TO FIND THE ILLUSTRATION OR PART NUMBER IF THE REFERENCE DESIGNATION IS KNOWN.

(8) Turn to the Reference Designation Index (Section IV) and find the reference designation required. Opposite the designations are listed the figure and index numbers, and the part numbers of the desired part. Turn to Section II for the figure indicated.

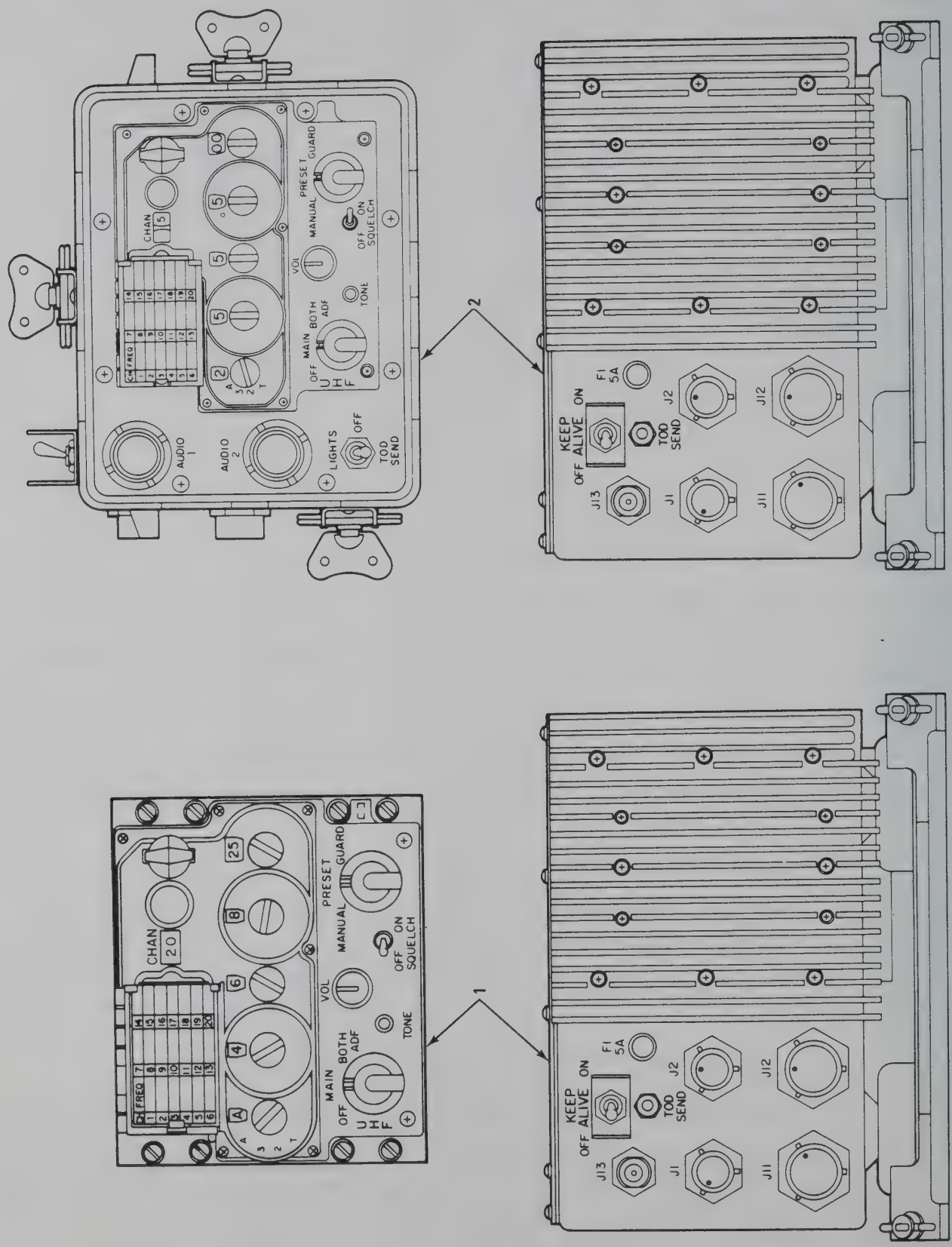


Figure 1. Radio Sets AN/URC-98, AN/URC-98A and AN/URC-99, AN/URC-99A

SECTION II

MAINTENANCE PARTS LIST

FIGURE AND INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
1-	AN/URC-98, AN/URC-98A, AN/URC-99, AN/URC-99A	37695	RADIO SETS AN/URC-98, AN/URC-98A.. AND AN/URC-99, AN/URC-99A	1	
- 1	707042-803	37695	. RADIO SET AN/URC-98 (see fig.... 2 for bkdn)	1	
	707042-842	37695	. RADIO SET AN/URC-98A (see fig... 2 for bkdn)	1	
- 2	707042-804	37695	. RADIO SET AN/URC-99 (see fig.... 11 for bkdn)	1	
	707042-843	37695	. RADIO SET AN/URC-99A (see fig... 11 for bkdn)	1	
2-	707042-803	37695	RADIO SET AN/URC-98 (see fig. 1... for nha)	REF	A
	707042-842	37695	RADIO SET AN/URC-98A (see fig. 1.. for nha)	REF	B
- 1	707048-801	37695	. CONTROL, Radio set C-10904/..... URC-98 (see fig. 3 for bkdn)	1	
- 2	707005-801	37695	. ADAPTER, Mounting MT-6165/URC... (see fig. 6 for bkdn)	1	
	707060-801	37695	. RECEIVER-TRANSMITTER, Radio..... RT-1145C/ARC-164 (See T.O. 12R2-2ARC164-34 for bkdn)	1	A
	707650-801	37695	. RECEIVER-TRANSMITTER, Radio..... RT-1504/ARC-164 (See T.O. 12R2-2ARC164-34 for bkdn)	1	B
	740543-802	37695	KIT, Modification.....	1	
	MS24693-5B	96906	. SCREW.....	4	
	128310-1	37695	. SCREW, Externally relieved body.	2	
	347995-1	37695	. GASKET.....	1	
	566149-802	37695	. CABLE, Power (see fig. 16..... for bkdn)	1	
	566752-801	37695	. CABLE ASSEMBLY, Interface (see.. fig. 17 for bkdn)	1	

A - Used on 707042-803 only
B - Used on 707042-842 only

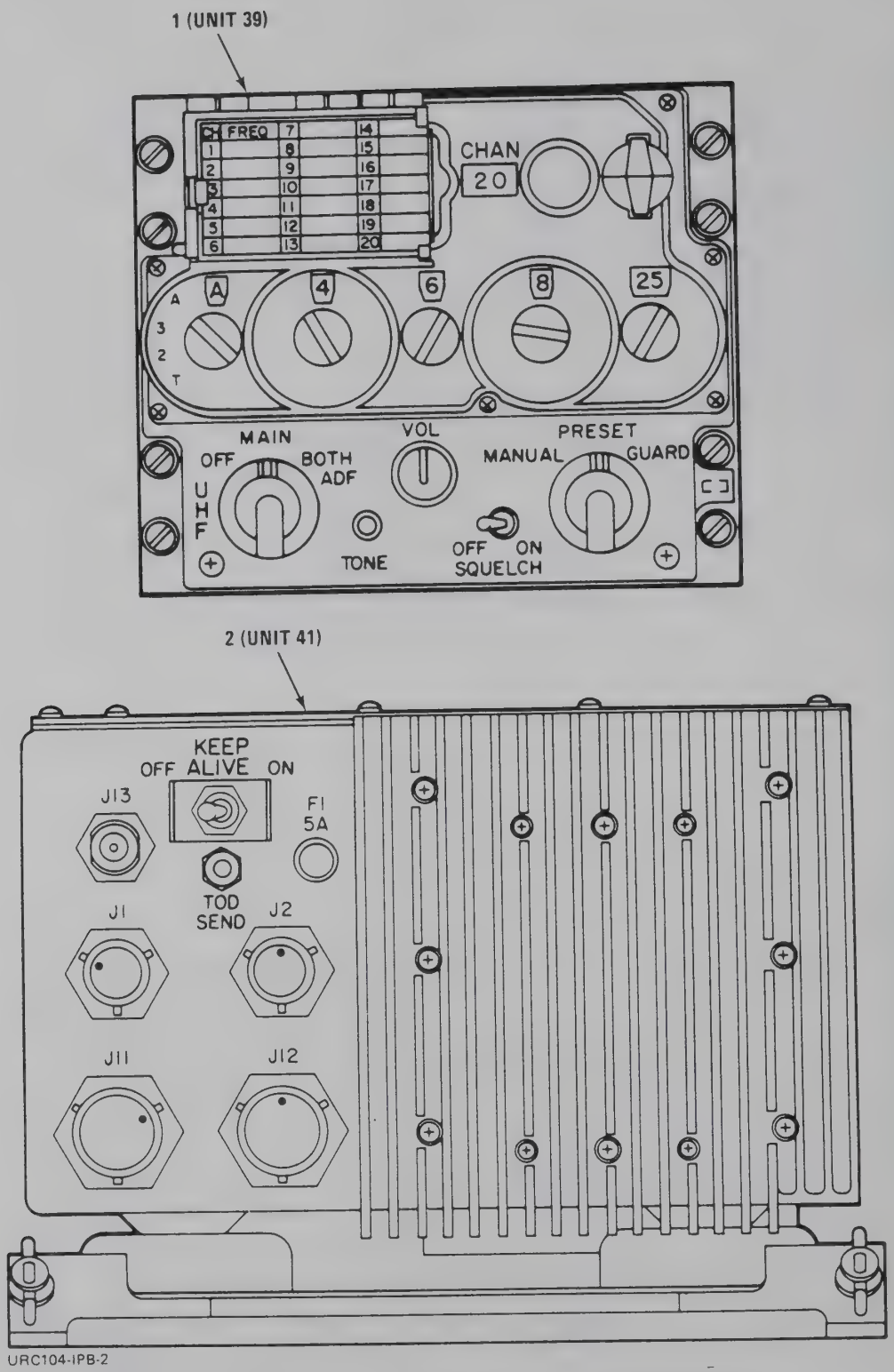
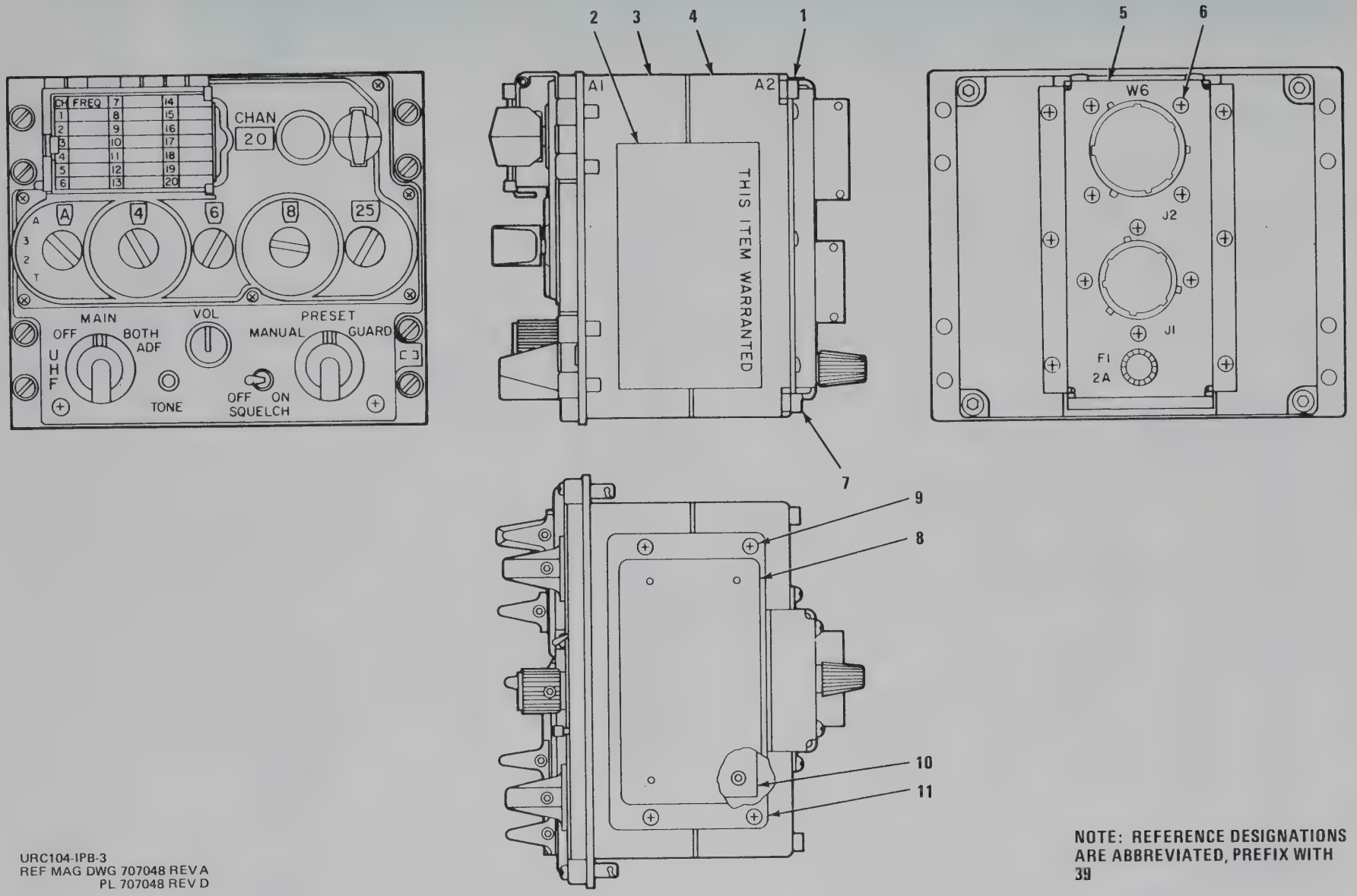


Figure 2. Radio Set AN/URC-98 and AN/URC-98A



URC104-IPB-3
REF MAG DWG 707048 REV A
PL 707048 REV D

NOTE: REFERENCE DESIGNATIONS ARE ABBREVIATED, PREFIX WITH 39

Figure 3. Radio Set Control C-10904/URC-98

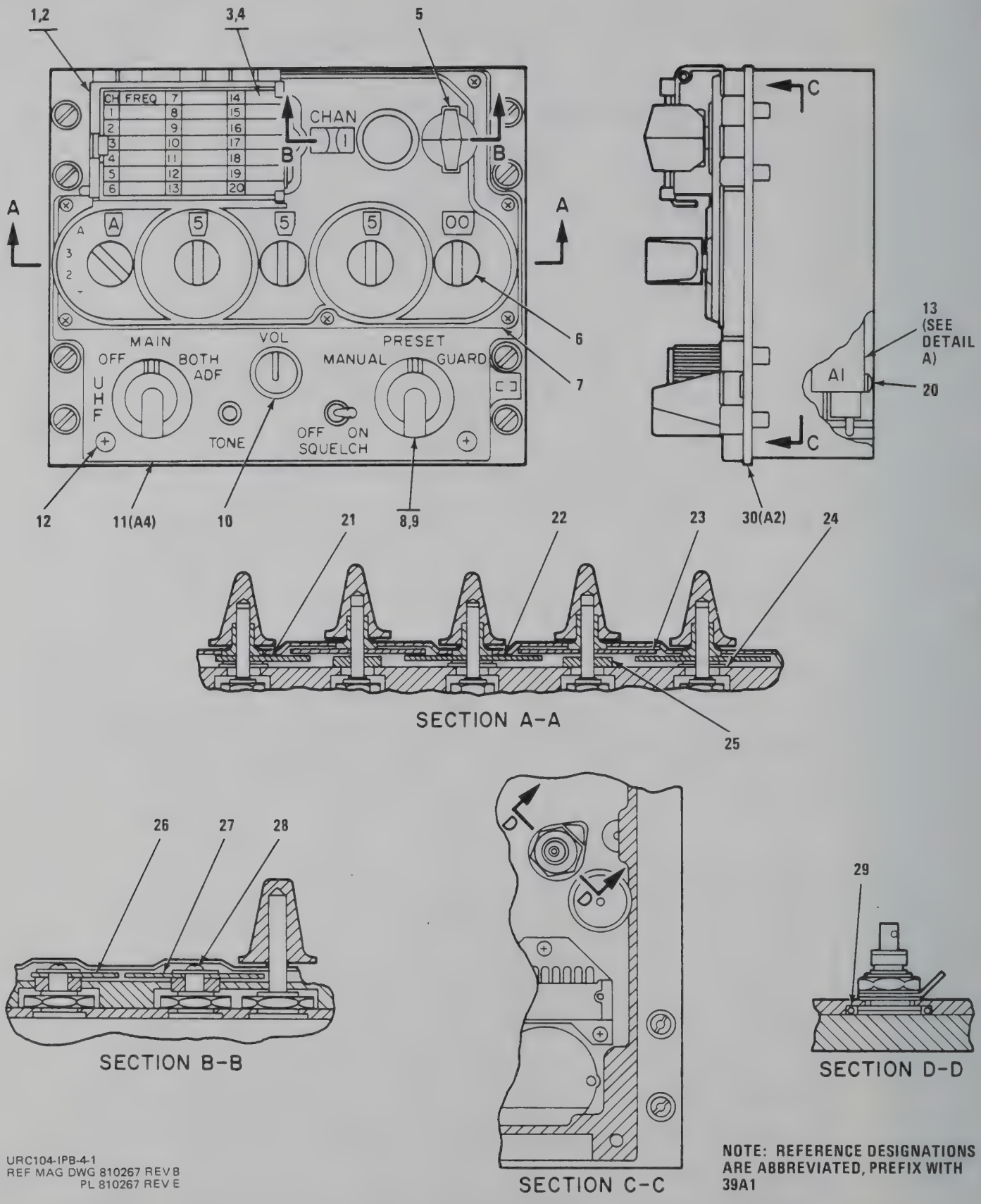


Figure 4. Switching Unit Frequency Channel SA-2323/URC-98 (Sheet 1 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
3-	707048-801	37695	CONTROL, Radio set C-10904/URC-98. (see fig. 2 for nha)	REF	
- 1	155748-	37695	. PLATE, Identification.....	1	
- 2	346646-1	37695	. LABEL, Tape, pressure sensitive.	1	
- 3	810267-801	37695	. SWITCHING UNIT, Frequency..... (see fig. 4 for bkdn)	1	
- 4	918850-801	37695	. ADAPTER, Control (see T.O..... 12R2-2ARC164-34 for bkdn)	1	
- 5	466598-802	37695	. CABLE ASSEMBLY, Special purpose. (see T.O. 12R2-2ARC164-34 for bkdn)	1	
- 6	MS51957-13B	96906	. SCREW (AP).....	8	
	NAS1640-4P	80205	. WASHER (AP).....	6	
- 7	135601-105	37695	. SCREW, Cap socket head.....	4	
- 8	918968-801	37695	. PLATE, Bottom cover.....	1	
- 9	MS51957-13	96906	. SCREW (AP).....	4	
	NAS620C4	80205	. WASHER (AP).....	4	
- 10	346393-1	37695	. . INSULATOR, Bottom cover.....	1	
- 11	932987-1	37695	. . COVER, Bottom.....	1	
4-	810267-801	37695	SWITCHING UNIT, Frequency channel. SA-2323/URC-98 (see fig. 3 for nha)	REF	
- 1	933276-801	37695	. ACCESS COVER.....	1	
- 2	MS51957-1B	96906	. SCREW (AP).....	2	
	NAS1640-2P	80205	. WASHER (AP).....	2	
- 3	345777-1	37695	. COVER, Protective.....	1	
- 4	345778-1	37695	. CHART, Channel frequency.....	1	
- 5	148054-1	37695	. KNOB, Channel select.....	1	
	NAS1081C06D3L	80205	. SETSCREW (AP).....	1	
- 6	148059-1	37695	. KNOB.....	5	
	NAS1081C08D4L	80205	. SETSCREW (AP).....	5	
- 7	936303-1	37695	. MASK, Dial.....	1	
	MS51957-2B	96906	. SCREW (AP).....	4	
	MS51957-3B	96906	. SCREW (AP).....	3	
- 8	148051-1	37695	. KNOB.....	2	
- 9	NAS1081C06D2L	80205	. SETSCREW (AP).....	2	
	NAS1081C06D5L	80205	. SETSCREW (AP).....	2	
- 10	148053-1	37695	. KNOB, Volume.....	1	
	NAS1081C06D3L	80205	. SETSCREW (AP).....	2	
- 11	155358-1	37695	. PANEL, Information.....	1	
- 12	MS51957-2B	96906	. SCREW (AP).....	2	
	107100-253	37695	. WASHER (AP).....	2	
- 13	912323-802	37695	. MNOS MEMORY ASSEMBLY.....	1	
- 14	615662-1	37695	. . SEMICONDUCTOR DEVICE, Diode...	1	

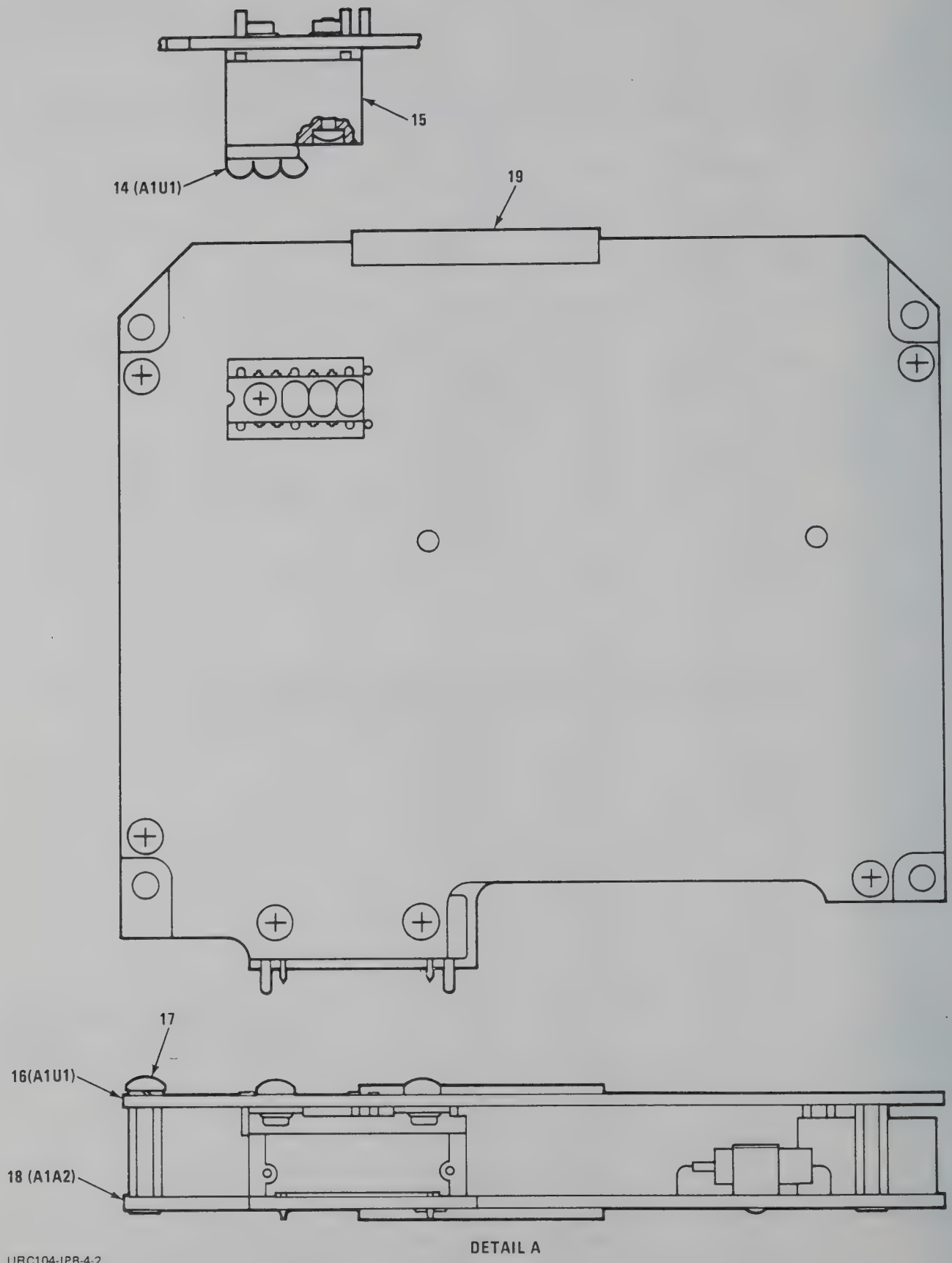
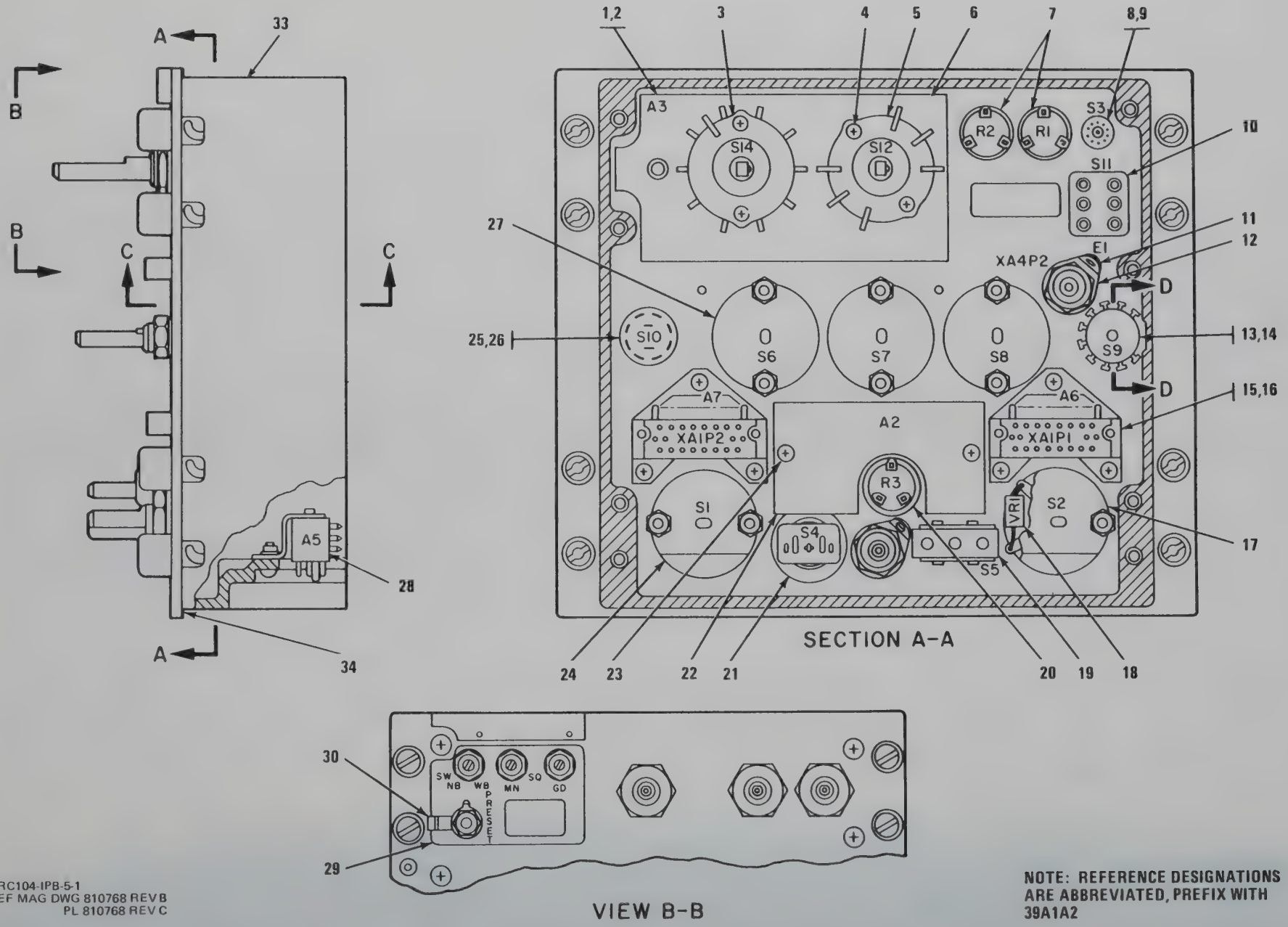


Figure 4. Switching Unit Frequency Channel SA-2323/URC-98 (Sheet 2 of 2)

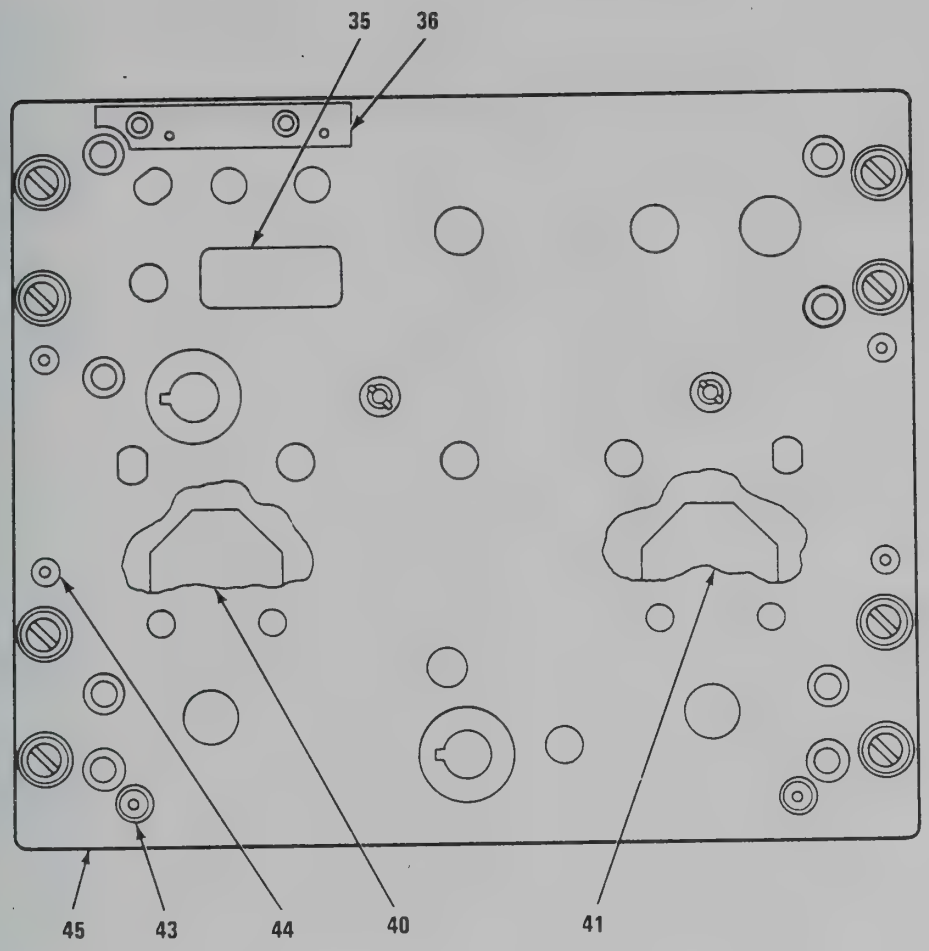
FIGURE AND INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
4- 15	SEP-231-C	55322	. . SOCKET, Plug-in electronic.... component (Magnavox spec cont dwg 185769-1)	1	
	MS51957-8	96906	. . SCREW (AP).....	2	
- 16	912237-801	37695	. . CIRCUIT CARD ASSEMBLY (See T.O. 12R2-2ARC164-34 for bkdn)	1	
- 17	MS51957-2	96906	. . SCREW (AP).....	2	
	MS51957-3	96906	. . SCREW (AP).....	4	
	NAS1640-2	80205	. . WASHER (AP).....	4	
- 18	912236-801	37695	. . CIRCUIT CARD ASSEMBLY (See T.O. 12R2-2ARC164-34 for bkdn)	1	
- 19	347234-1	37695	. . CLIP, Stiffener.....	1	
- 20	107034-3204	37695	. SCREW, Machine (AP).....	4	
	MS51957-10	96906	. SCREW (AP).....	2	
- 21	914599-801	37695	. DIAL ASSEMBLY.....	1	
- 22	912346-801	37695	. DIAL ASSEMBLY.....	3	
- 23	912347-801	37695	. DIAL ASSEMBLY.....	1	
- 24	345905-1	37695	. SPACER.....	3	
- 25	345905-2	37695	. SPACER.....	2	
- 26	911610-801	37695	. DIAL ASSEMBLY.....	1	
- 27	911609-801	37695	. DIAL ASSEMBLY.....	1	
- 28	107045-1202	37695	. SCREW, Machine (AP).....	2	
	NAS1640-2	80205	. WASHER (AP).....	2	
- 29	MS9068-013	96906	. PACKING.....	2	
- 30	810768-801	80205	. PANEL ASSEMBLY..... (see fig. 5 for bkdn)	1	
5-	810768-801	37695	PANEL ASSEMBLY..... (see fig. 4 for nha)	REF	
- 1	912303-804	37695	. SWITCH ASSEMBLY.....	1	
- 2	MS25082C20	96906	. NUT (AP).....	1	
	MS25082C5	96906	. NUT (AP).....	2	
	1218-02	78189	. WASHER, Lock (AP) (Magnavox..... spec cont dwg 107003-115)	2	
	1920-02	78189	. WASHER, Lock (AP) (Magnavox..... spec cont dwg 107003-177)	1	
- 3	169374-1	37695	. . SWITCH, Rotary.....	1	
- 4	MS51957-2	96906	. . SCREW (AP).....	4	
	448504-1	37695	. . WASHER, Nonmetallic (AP).....	2	
- 5	169373-1	37695	. . SWITCHING, Rotary.....	1	
- 6	625692-1	37695	. . CHANNEL SELECT ASSEMBLY.....	1	
- 7	RV6SAYSL503A	81349	. RESISTOR.....	2	
	1914-05	78189	. WASHER (AP) (Magnavox..... spec cont dwg 107003-163)	2	
- 8	169364-1	37695	. SWITCH, Rotary.....	1	

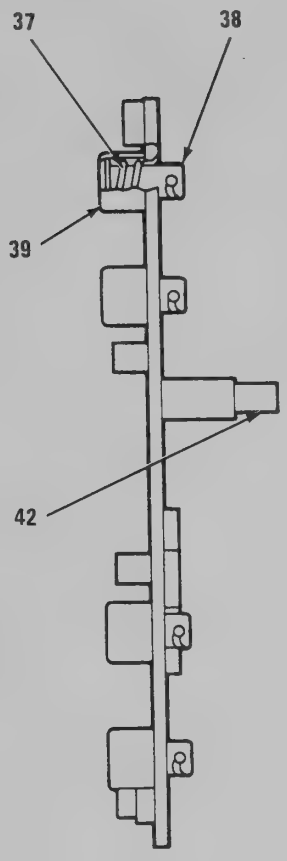


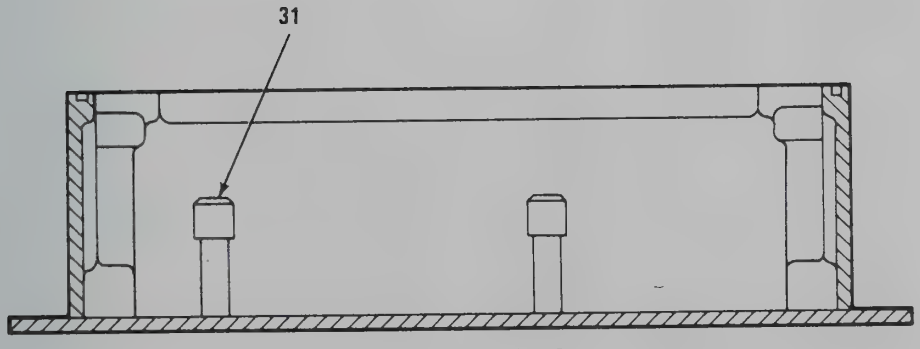
URC104-IPB-5-1
REF MAG DWG 810768 REV B
PL 810768 REV C

NOTE: REFERENCE DESIGNATIONS ARE ABBREVIATED, PREFIX WITH 39A1A2

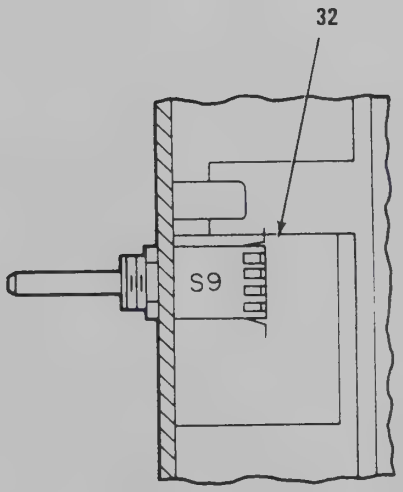
Figure 5. Panel Assembly Switching Unit (Sheet 1 of 2)







SECTION C-C



SECTION D-D

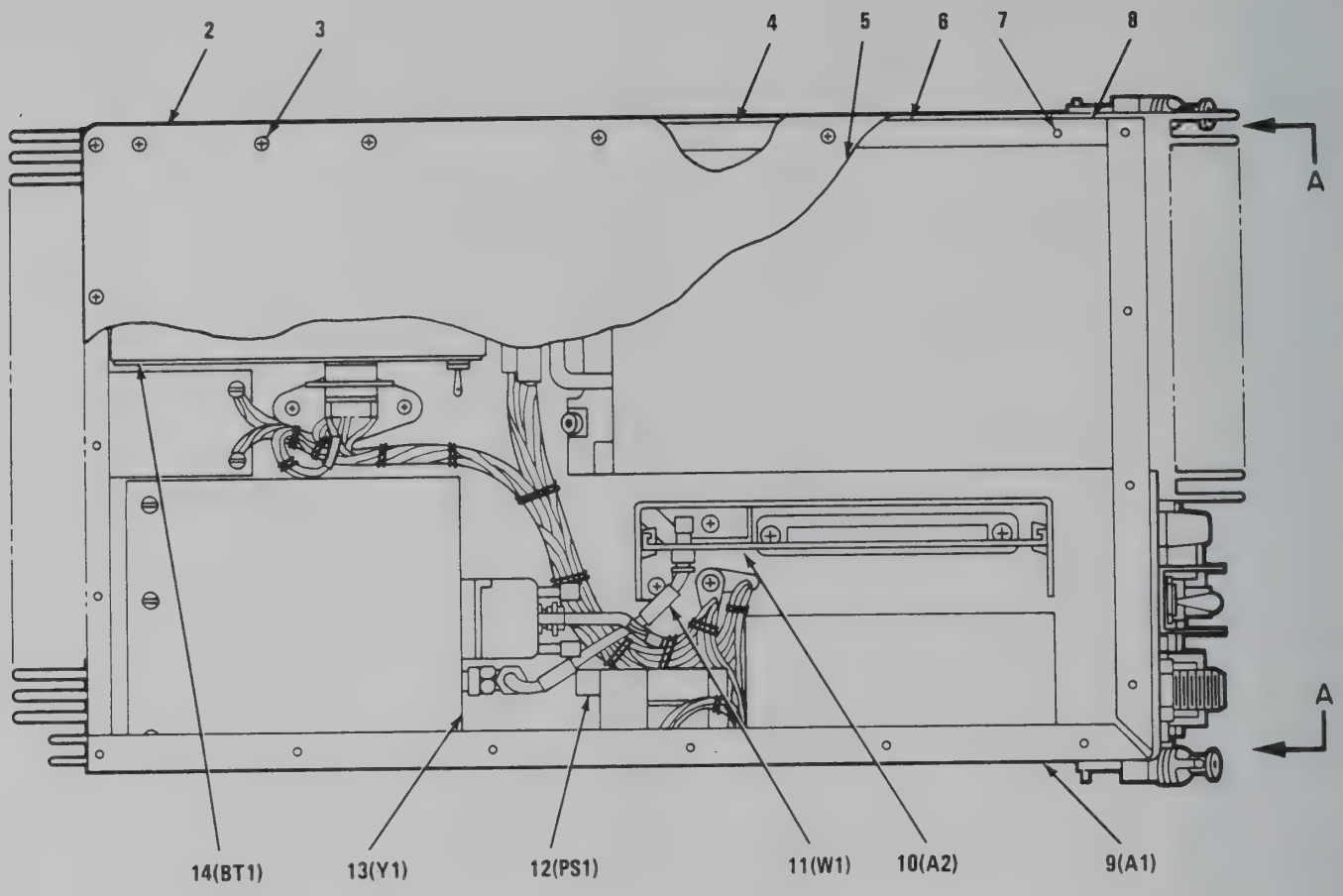
NOTE: REFERENCE DESIGNATIONS ARE ABBREVIATED, PREFIX WITH 39A1A2

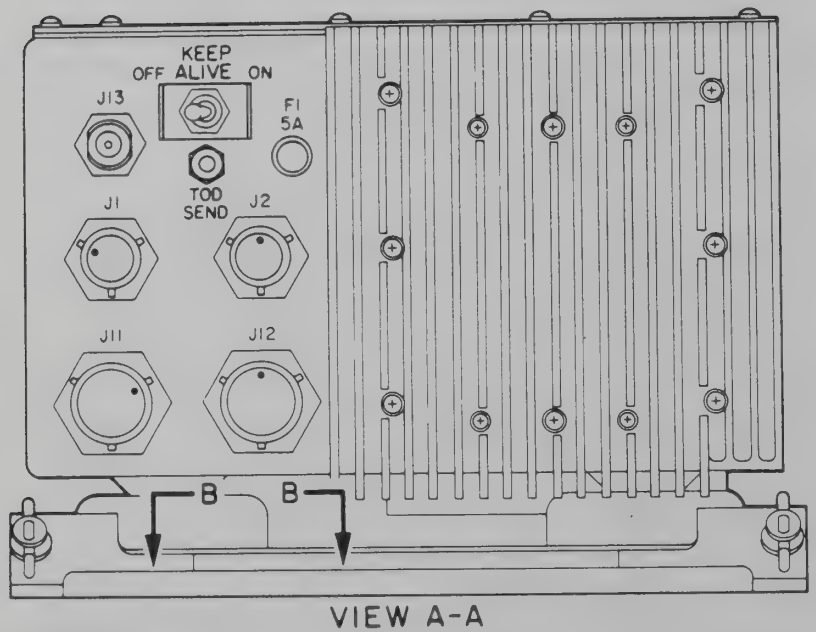
URC104-IPB-5-2
REF MAG DWG 810768 REV B
PL 810768 REV C

Figure 5. Panel Assembly Switching Unit (Sheet 1 of 2)

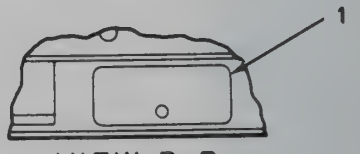
FIGURE AND INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
5- 9	345899-1	37695	. SEAL, Plain (AP).....	1	
	1914-05	78189	. WASHER (AP) (Magnavox..... spec cont dwg 107003-163)	1	
- 10	169323-4	37695	. SWITCH, Push.....	1	
	1914-05	78189	. WASHER (AP) (Magnavox..... spec cont dwg 107003-163)	1	
- 11	4028	77147	. TERMINAL, Lug (Magnavox..... spec cont dwg 208010-1)	2	
- 12	185729-3	37695	. CONNECTOR, Receptacle.....	2	
	345899-2	37695	. SEAL, Plain (AP).....	2	
- 13	165342-801	37695	. SWITCH, Assembly (See T.O..... 12R2-2ARC164-34 for bkdn)	1	
- 14	107304-104	37695	. NUT (AP).....	1	
	107003-213	37695	. WASHER (AP) (Alternate Part)....	1	
	107003-113	37695	. WASHER (AP) (Alternate Part)....	1	
	107003-513	37695	. WASHER (AP) (Alternate Part)....	1	
- 15	931721-801	37695	. BRACKET, Mount.....	2	
- 16	510671-1	37695	. BUSHING (AP).....	6	
	MS51957-2	96906	. SCREW (AP).....	6	
	NAS1640-2	80205	. WASHER (AP).....	6	
- 17	169322-5	37695	. SWITCH, Rotary.....	1	
- 18	JANTX1N4479	81350	. SEMICONDUCTOR.....	1	
- 19	169350-3	37695	. SWITCH, Push.....	1	
- 20	228031-3	37695	. RESISTOR.....	1	
- 21	MS24655-231	96906	. SWITCH.....	1	
- 22	918901-803	37695	. CIRCUIT CARD ASSEMBLY (See T.O.. 12R2-2ARC164-34 for bkdn)	1	
- 23	MS51957-3	96906	. SCREW (AP).....	2	
	NAS1640-2	80205	. WASHER (AP).....	2	
	NAS620C2	80205	. WASHER (AP).....	4	
- 24	169318-2	37695	. SWITCH, Rotary.....	1	
- 25	168312-11	37695	. SWITCH, Rotary.....	1	
- 26	1914-05	78189	. WASHER, Lock (AP) (Magnavox..... spec cont dwg 107003-163)	1	
	107304-104	37695	. NUT, Plain (AP).....	1	
- 27	169320-2	37695	. SWITCH, Rotary.....	3	
	1914-05	78189	. WASHER, Lock (AP) (Magnavox..... spec cont dwg 107003-163)	3	
- 28	932857-801	37695	. BRACKET, Angle.....	1	
	MS51957-3	96906	. SCREW (AP).....	2	
- 29	933272-1	37695	. PLATE.....	1	
- 30	435412-1	37695	. SPRING, Leaf.....	1	
- 31	346659-1	37695	. SPACER (Select at test).....	2	
	346659-2	37695	. SPACER (Select at test).....	2	
	346659-3	37695	. SPACER (Select at test).....	2	
	346659-4	37695	. SPACER (Select at test).....	2	
	346659-5	37695	. SPACER (Select at test).....	2	

FIGURE AND INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
5-	346659-6	37695	. SPACER (Select at test).....	2	
	346659-7	37695	. SPACER (Select at test).....	2	
	346659-8	37695	. SPACER (Select at test).....	2	
	346659-9	37695	. SPACER (Select at test).....	2	
- 32	347996-1	37695	. INSULATOR, Switch.....	1	
- 33	665077-801	37695	. HOUSING, Switch (See T.O..... 12R2-2ARC164-34 for bkdn)	1	
- 34	933274-801	37695	. PLATE, Front.....	1	
	MS24693C26	96906	. SCREW (AP).....	8	
- 35	345850-1	37695	. . WINDOW, Read out.....	1	
- 36	511649-1	37695	. . BAR, Mounting.....	1	
	MS20426AD2-4	96906	. . RIVET (AP).....	2	
- 37	108110-2	37695	. . SPRING, Helical.....	8	
- 38	136053-114	37695	. . STUD, Turnlock fastener.....	8	
- 39	136054-105	37695	. . RETAINER, Turnlock fastener...	8	
- 40	931720-2	37695	. . PLATE, Mounting connector.....	1	
	MS20426AD3-5	96906	. . RIVET (AP).....	2	
- 41	931720-1	37695	. . PLATE, Mounting.....	1	
	MS20426AD3-5	96906	. . RIVET (AP).....	2	
- 42	511648-2	37695	. . STUD, Shouldered.....	2	
- 43	511648-3	37695	. . STUD, Shouldered.....	2	
- 44	511648-1	37695	. . STUD, Shouldered.....	4	
- 45	933274-1	37695	. . PLATE, Front.....	1	
6-	707005-801	37695	ADAPTER, Mounting MT-6165/URC..... (see fig. 2 and 11 for nha)	REF	
- 1	155748-	37695	. PLATE, Identification.....	1	
- 2	937423-801	37695	. COVER ASSEMBLY.....	1	
- 3	MS51957-16B	96906	. SCREW (AP).....	19	
	AN960XC4	88044	. WASHER (AP).....	19	
- 4	348118-1	37695	. . GASKET, Shield.....	1	
- 5	937423-1	37695	. . COVER.....	1	
- 6	514134-801	37695	. BAR, Stiffener.....	1	
	MS24693C2B	96906	. SCREW (AP).....	4	
- 7	MS21209C415	96906	. . INSERT.....	9	
- 8	514134-1	37695	. . BAR, Stiffener.....	1	
- 9	810753-801	37695	. MOUNTING BASE..... (see fig. 7 for bkdn)	1	
- 10	811397-801	37695	. CIRCUIT CARD..... (see fig. 9 for bkdn)	1	
- 11	565699-801	37695	. CABLE ASSEMBLY..... (see fig. 10 for bkdn)	1	
- 12	538667-802	37695	. POWER SUPPLY..... (See T.O. 49B3-39-4 for bkdn)	1	
	MS24693C5B	96906	. SCREW (AP).....	4	





VIEW A-A



VIEW B-B

URC104-IPB-6
REF MAG DWG 707005 REV D
PL 707005 REV H

NOTE: REFERENCE DESIGNATIONS ARE ABBREVIATED, PREFIX WITH 41

Figure 6. Mounting Adapter MT-6165/URC

FIGURE AND INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
6- 13	626404-1	37695	. OSCILLATOR	1	
	MS51957-16B	96906	. SCREW (AP)	8	
- 14	810077-801	37695	. BATTERY ASSEMBLY (See T.O. 49B3-39-4 for bkdn)	1	
	MS24693C25B	96906	. SCREW (AP)	4	
7-	810753-801	37695	MOUNTING BASE ELECTRICAL EQUIPMENT MT-6165/URC (see fig. 6 for nha)	REF	
- 1	M39006/20-1011	81349	. CAPACITOR	1	
- 2	937361-1	37695	. PLATE, Mounting (AP)	1	
	514491-1	37695	. POST, Electrical (AP)	2	
	MS51957-14	96906	. SCREW (AP)	4	
	AN960C4	88044	. WASHER (AP)	4	
- 3	937419-1	37695	. CLAMP	1	
	136616-1	37695	. SCREW (AP)	2	
- 4	514133-801	37695	. INTERFACE, Plate	1	
- 5	MS24693C25B	96906	. SCREW (AP)	6	
	MS51957-27B	96906	. SCREW (AP)	4	
- 6	MS51957-3	96906	. SCREW	2	
- 7	MS21209C0415	96906	. . INSERT	3	
- 8	MS21209C0215	96906	. . INSERT	2	
- 9	MS21209C0615	96906	. . INSERT	18	
- 10	514133-1	37695	. . INTERFACE PLATE	1	
- 11	937417-801	37695	. BRACKET, Angle	1	
	MS51957-14	96906	. SCREW (AP)	4	
- 12	79NCFMA2-40	72962	. . NUT, Self-lock (Magnavox spec cont dwg 107119-4)	2	
- 13	435641-1	37695	. . PRINTED WIRING	2	
	MS20470AD2-2	96906	. . RIVET (AP)	4	
- 14	937417-1	37695	. . BRACKET, Angle	1	
- 15	514325-1	37695	. BUSHING	2	
	MS51957-18	96906	. SCREW (AP)	2	
	515271-1	37695	. SPACER (AP)	2	
- 16	535299-1	37695	. POWER SUPPLY	1	
	MS24693C48B	96906	. SCREW (AP)	4	
- 17	MS51957-14	96906	. SCREW	1	
- 18	565696-801	37695	. WIRING HARNESS (see fig. 8 for bkdn)	1	
- 19	325252-1	37695	. REACTOR, Power	1	
	MS51957-30B	96906	. SCREW (AP)	4	
- 20	MS24693C25B	96906	. SCREW	2	
- 21	512186-1	37695	. JACK, Screw	2	
	AN960C416	88044	. WASHER (AP)	2	
	NAS1640-416	80205	. WASHER (AP)	2	
- 22	136278-1	37695	. NUT, Plain	2	

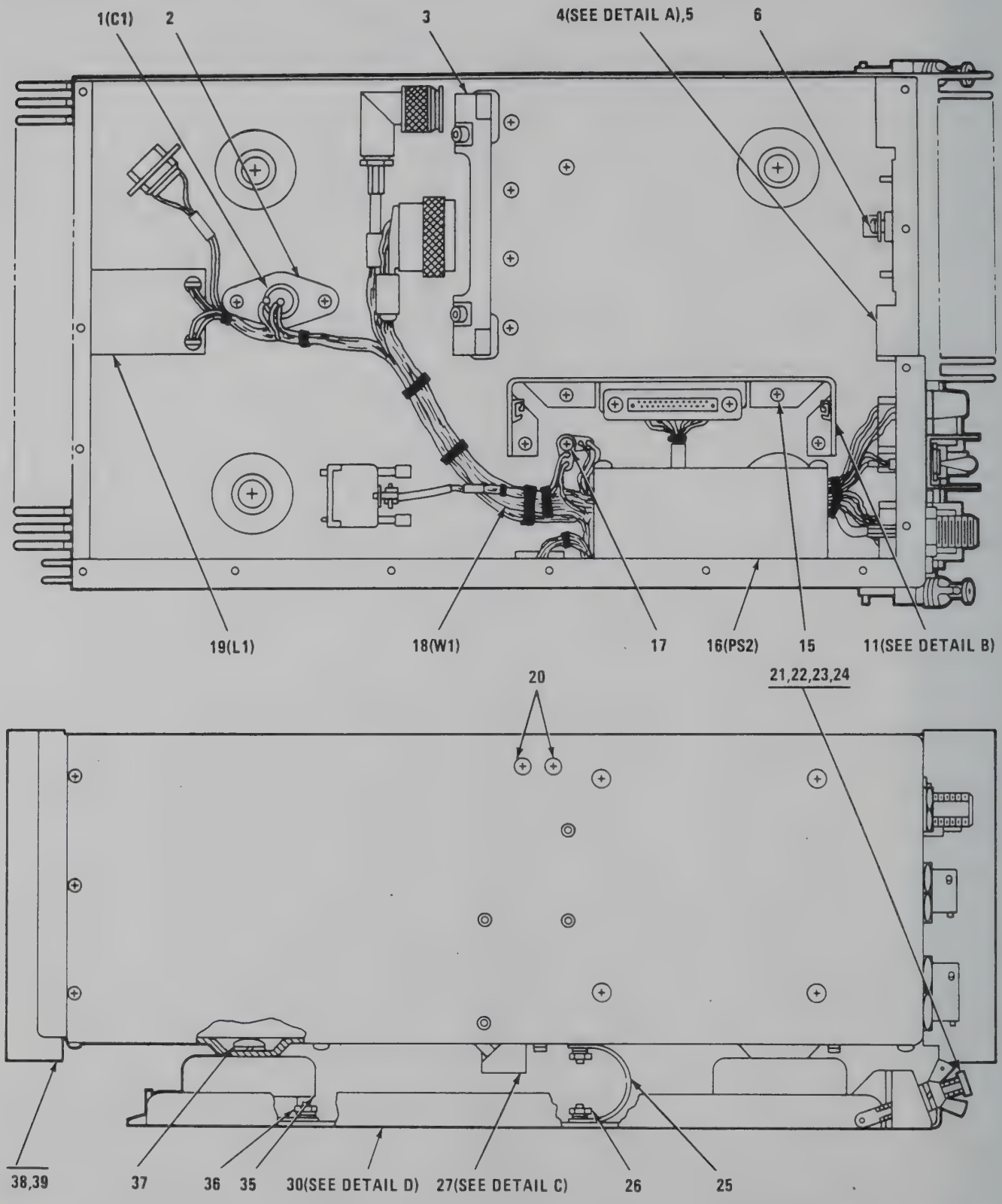
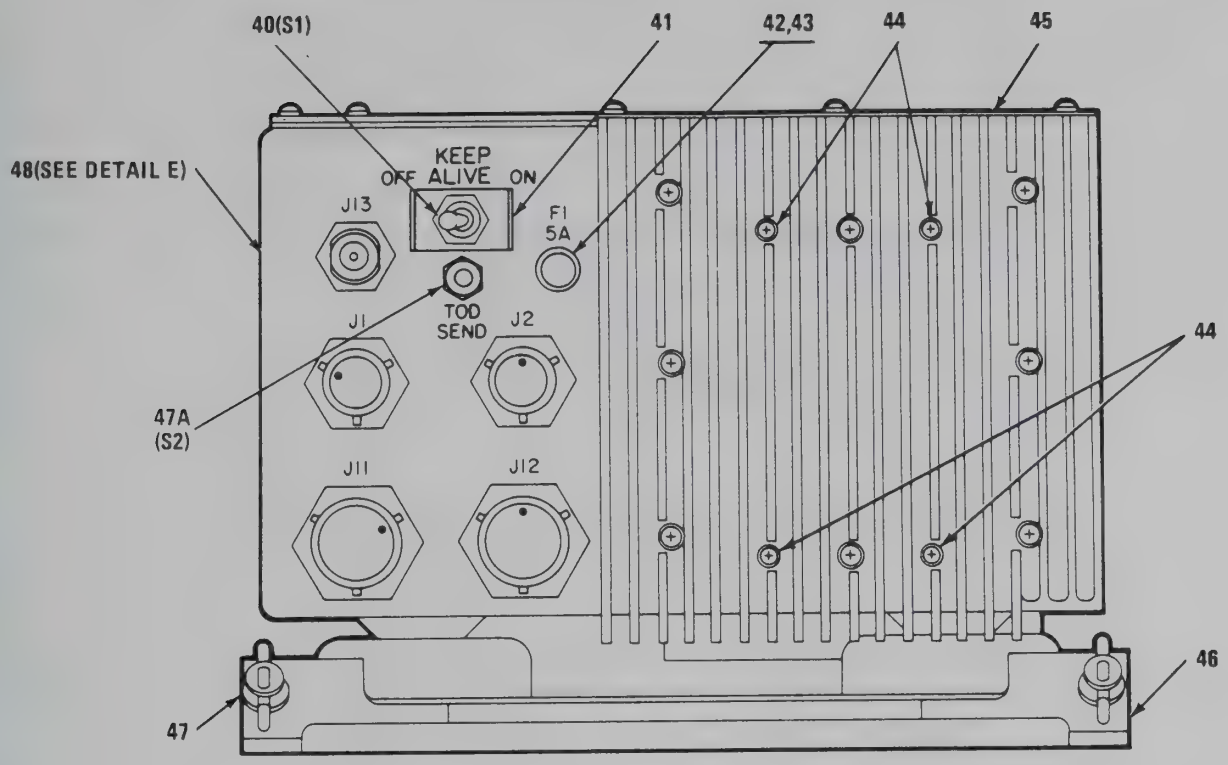
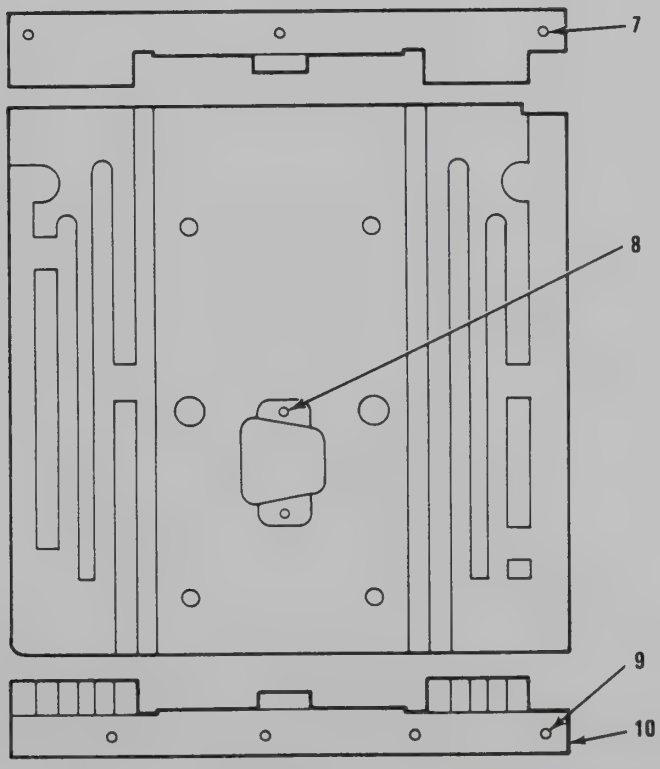


Figure 7. Mounting Base Electrical Equipment (Sheet 1 of 4)





DETAIL A

NOTE: REFERENCE DESIGNATIONS ARE ABBREVIATED, PREFIX WITH 41A1

URC104-IPB-7-2
REF MAG DWG 810753 REV E
PL 810753 REV J

Figure 7. Mounting Base Electrical Equipment (Sheet 2 of 4)

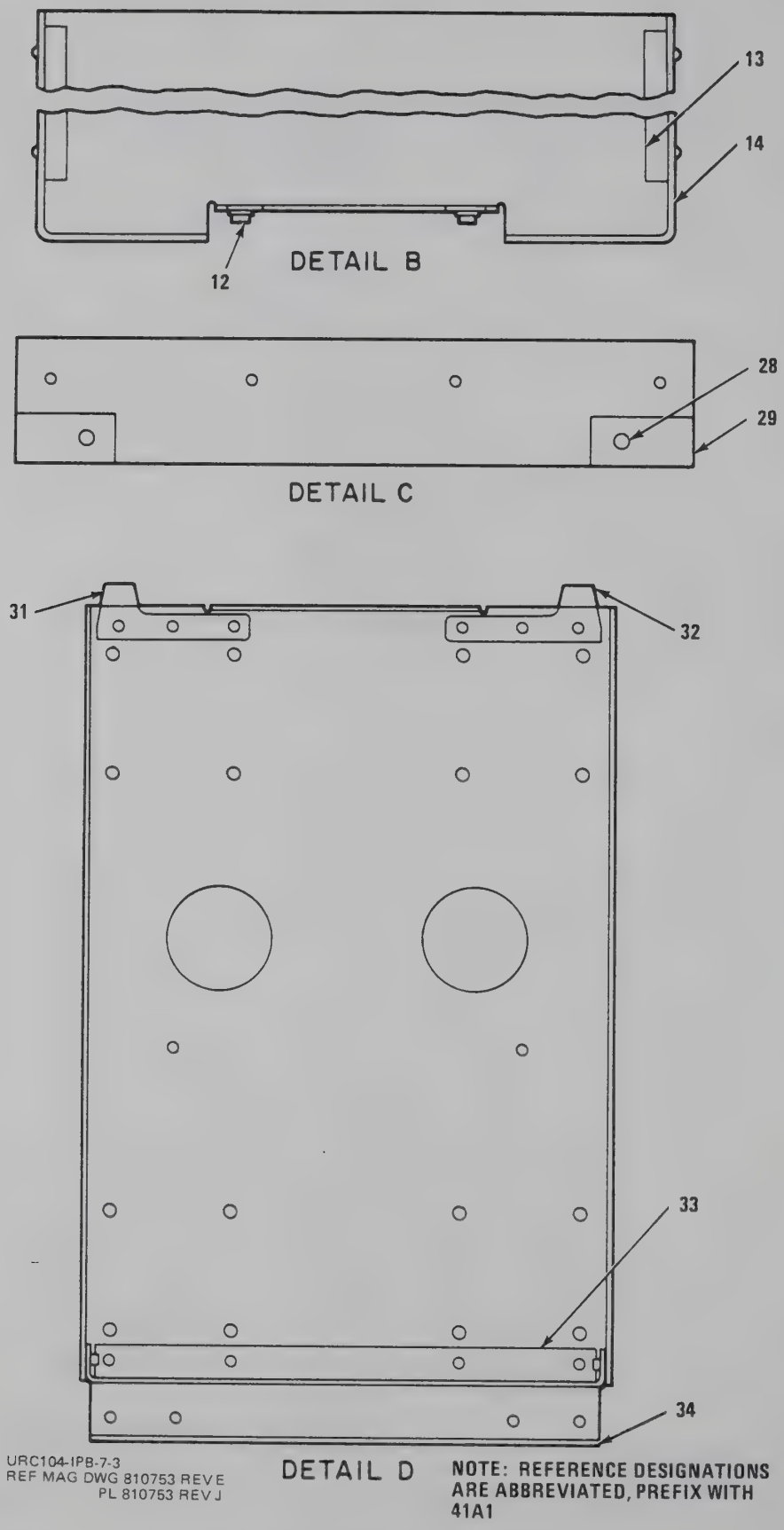


Figure 7. Mounting Base Electrical Equipment (Sheet 3 of 4)

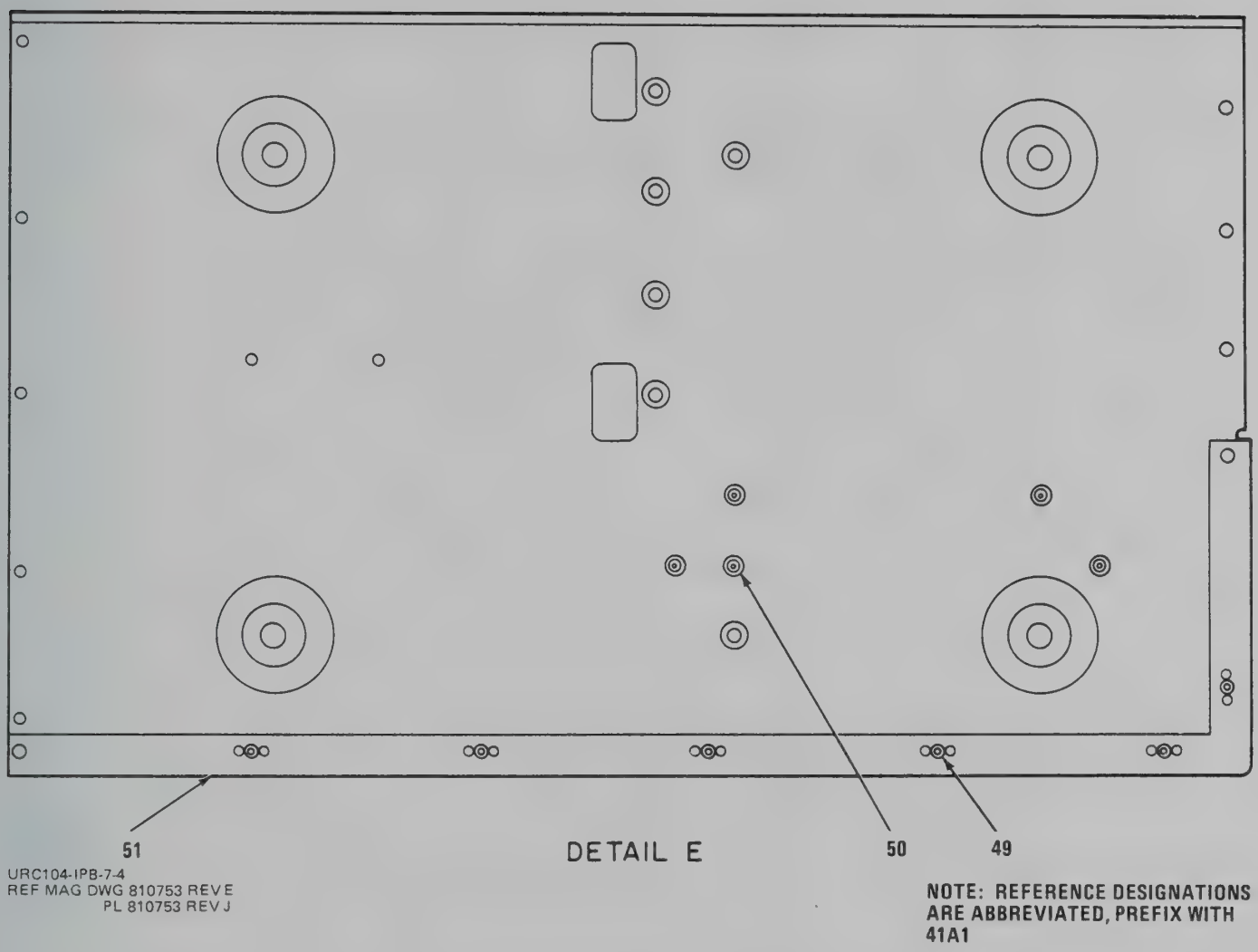


Figure 7. Mounting Base Electrical Equipment (Sheet 4 of 4)

FIGURE AND INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
7- 23	512187-1	37695	. RETAINER, Nut	2	
- 24	MS16562-213	96906	. PIN, Spring	2	
- 25	934561-1	37695	. STRAP, Ground	2	
- 26	MS24693C25B	96906	. SCREW (AP)	4	
	NAS1640-6P	80205	. WASHER (AP)	4	
	AN960XC6	88044	. WASHER (AP)	4	
	MS35649-264B	96906	. NUT (AP)	4	
- 27	937418-801	37695	. CLAMP, Mounting	1	
	MS24693C25B	96906	. SCREW (AP)	4	
- 28	MS21209F1-15	96906	. . INSERT	2	
- 29	937418-1	37695	. . CLAMP, Mounting	1	
- 30	937362-801	37695	. TRAY, Bottom	1	
- 31	514107-2	37695	. . BLOCK, Mounting	1	
	MS20426AD5-7	96906	. . RIVET (AP)	3	
- 32	514107-1	37695	. . BLOCK, Mounting	1	
	MS20426AD5-7	96906	. . RIVET (AP)	3	
- 33	937360-1	37695	. . BRACKET, Angle	1	
	MS20426AD5-6	96906	. . RIVET (AP)	6	
- 34	937362-1	37695	. . TRAY, Bottom	1	
- 35	435640-1	37695	. MOUNT, Resilient	4	
- 36	MS24693C50	96906	. SCREW (AP)	16	
	NAS1640-8P	80205	. WASHER (AP)	16	
	AN960C10	88044	. WASHER (AP)	16	
	MS35649-284B	96906	. NUT (AP)	16	
- 37	MS51957-81	96906	. SCREW (AP)	1	
	NAS1640-416	80205	. WASHER (AP)	4	
- 38	435612-801	37695	. HEAT SINK	1	
- 39	MS51957-13B	96906	. SCREW (AP)	5	
	MS24693C2B	96906	. SCREW (AP)	6	
- 40	MS90311-721	96906	. SWITCH, Toggle	1	
- 41	939238-1	37695	. GUARD, Switch	1	
- 42	FHN42W	81349	. FUSEHOLDER	1	
- 43	FM01-125V5A	81349	. FUSE	1	
- 44	136471-1	37695	. SCREW	4	
- 45	435611-1	37695	. HEAT SINK	1	
	MS51957-30B	96906	. SCREW (AP)	8	
- 46	514108-1	37695	. BLOCK, Mounting	1	
	MS24693C25B	96906	. SCREW (AP)	3	
- 47	514108-2	37695	. BLOCK, Mounting	1	
	MS24693C25B	96906	. SCREW (AP)	3	
- 47A	M8805/96-009	81349	. SWITCH, Push	1	
- 48	937424-801	37695	. CHASSIS, Wraparound MT-6165/URC	1	
- 49	107213-107	37695	. . NUT, Self-locking	6	
	MS20426AD2-4	96906	. . RIVET (AP)	12	
- 50	79NCFMA2-40	72962	. . NUT, Self-locking (Magnavox... spec cont dwg 107119-4)	5	
- 51	937424-1	37695	. . CHASSIS, Wraparound	1	

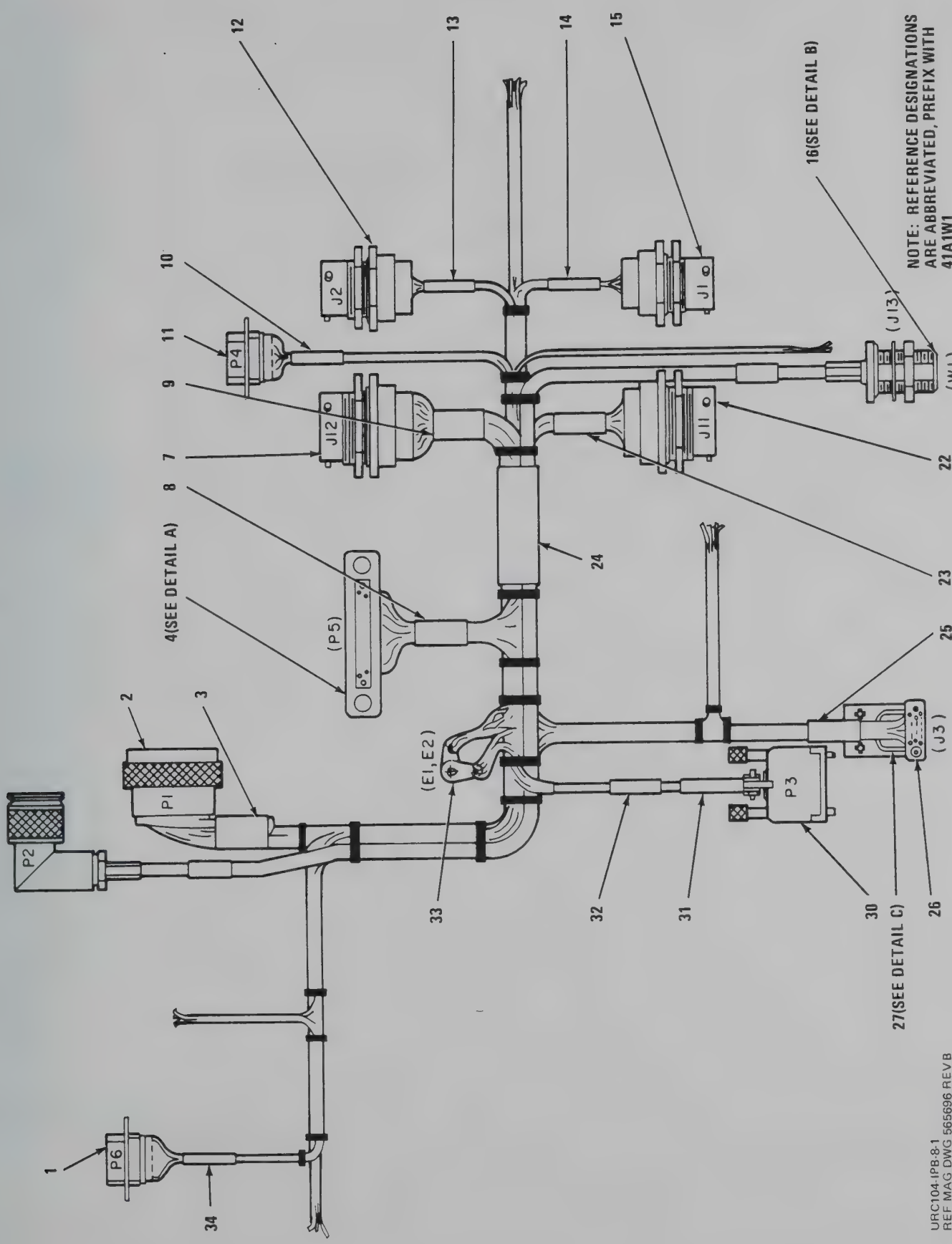
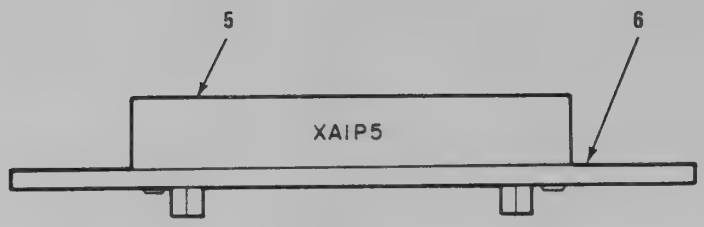
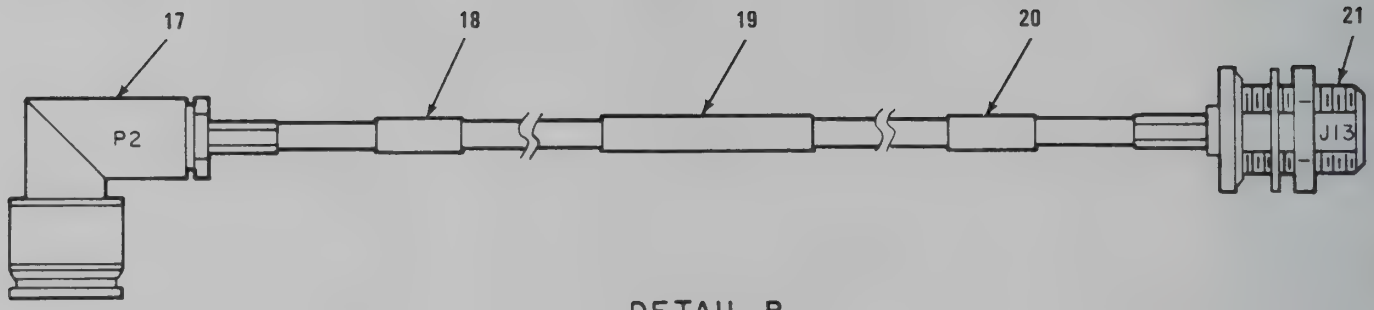


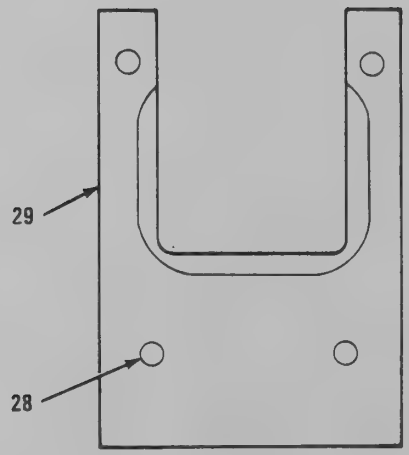
Figure 8. Wiring Harness MT-6165/URC (Sheet 1 of 2)



DETAIL A



DETAIL B



DETAIL C

URC104-IPB-8-2
REF MAG DWG 565696 REV B
PL 565696 REV E

NOTE: REFERENCE DESIGNATIONS ARE ABBREVIATED, PREFIX WITH 41A1W1

Figure 8. Wiring Harness MT-6165/URC (Sheet 2 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
8-	565696-801	37695	WIRING HARNESS MT-6165/URC..... (see fig. 7 for nha)	REF	
- 1	M24308/3-1	81349	. CONNECTOR.....	1	
- 2	MS27336T18B32S	96906	. CONNECTOR.....	1	
	MS3154-18	96906	. STRAIN (AP).....	1	
- 3	155745-103	37695	. BAND MARKER.....	1	
- 4	938106-801	37695	. PLATE, Connector.....	1	
- 5	M55302/6-03	81349	. . CONNECTOR.....	1	
- 6	938106-1	37695	. . PLATE, Connector.....	1	
- 7	MS3114E16-26P	96906	. CONNECTOR.....	1	
- 8	155745-106	37695	. BAND MARKER.....	1	
- 9	155745-112	37695	. BAND MARKER.....	1	
- 10	155745-105	37695	. BAND MARKER.....	1	
- 11	M24308/1-12	81349	. CONNECTOR.....	1	
- 12	MS3114E12-10S	96906	. CONNECTOR.....	1	
- 13	155745-109	37695	. BAND MARKER.....	1	
- 14	155745-108	37695	. BAND MARKER.....	1	
- 15	MS3114E12-10SW	96906	. CONNECTOR.....	1	
- 16	565698-801	37695	. CABLE ASSEMBLY.....	1	
- 17	185679-1	37695	. . CONNECTOR, Plug.....	1	
- 18	155745-100	37695	. . BAND MARKER.....	1	
- 19	155745-102	37695	. . BAND MARKER.....	1	
- 20	155745-101	37695	. . BAND MARKER.....	1	
- 21	185682-1	37695	. . CONNECTOR, Receptacle.....	1	
- 22	MS3114E16-26PW	96906	. CONNECTOR.....	1	
- 23	155745-111	37695	. BAND MARKER.....	1	
- 24	155745-113	37695	. BAND MARKER.....	1	
- 25	155745-110	37695	. BAND MARKER.....	1	
- 26	189252-10005	37695	. CONNECTOR, Receptacle.....	1	
- 27	513972-801	37695	. BLOCK, Connector.....	1	
- 28	MS21209C0615	96906	. . INSERT.....	2	
- 29	513972-1	37695	. . BLOCK, Connector.....	1	
- 30	M28748/8D10L1A	81349	. CONNECTOR.....	1	
- 31	MS3420-3	96906	. BUSHING.....	1	
- 32	155745-104	37695	. BAND MARKER.....	1	
- 33	MS77068-1	96906	. TERMINAL, Lug	2	
- 34	155745-107	37695	. BAND MARKER.....	1	

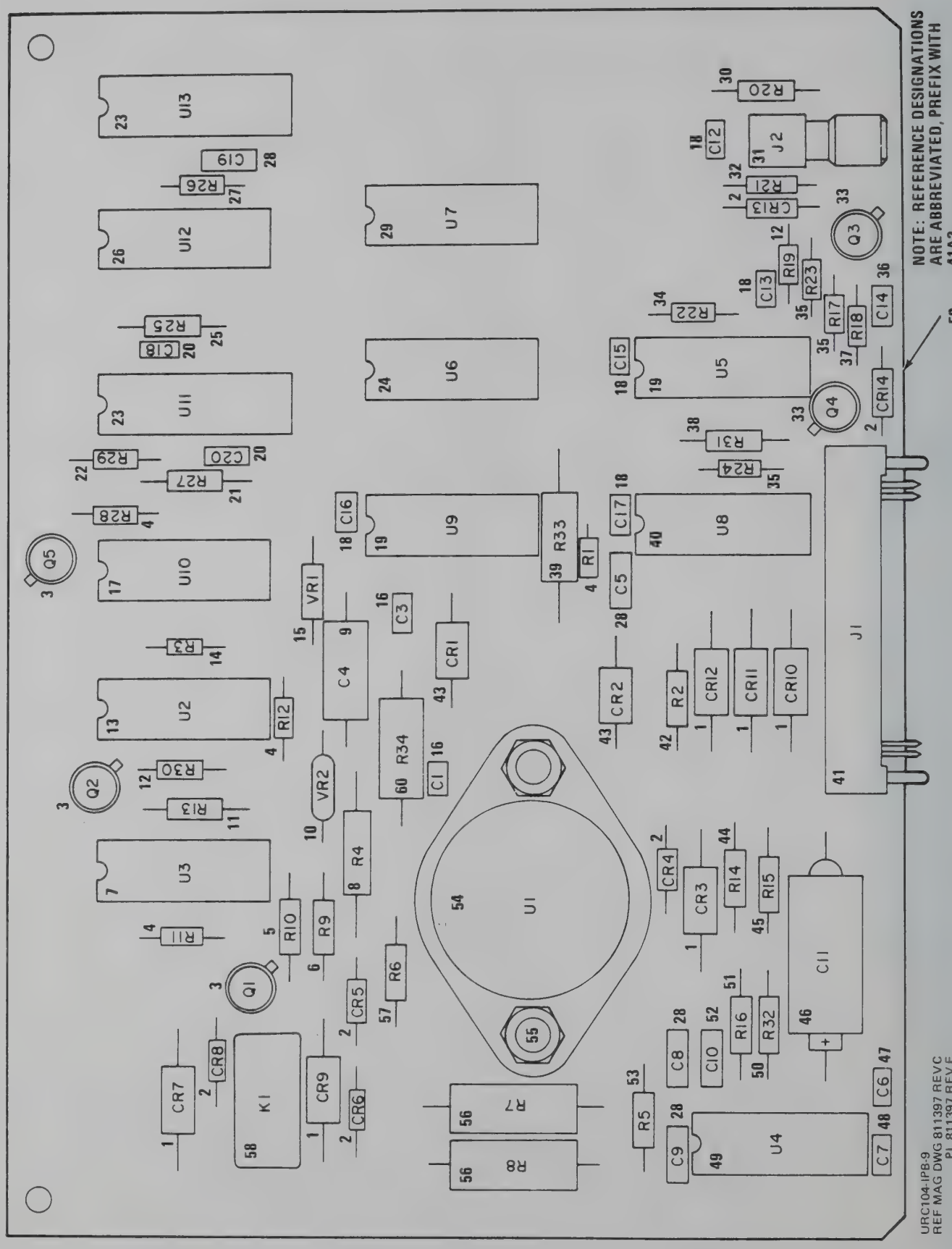
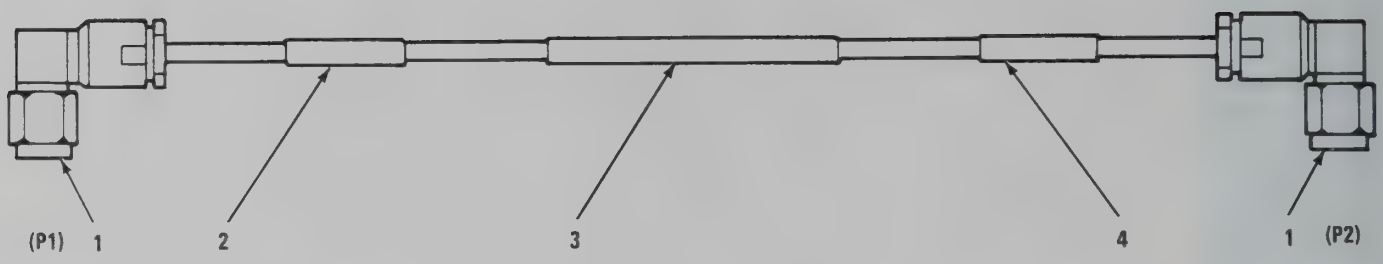


Figure 9. Divider/Audio Circuit Card Assembly MT-6165/URC

FIGURE AND INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
9-	811397-801	37695	CIRCUIT CARD ASSEMBLY..... DIVIDER/AUDIO MT-6165/URC (see fig. 6 for nha)	REF	
- 1	JANTX1N5807	81350	. SEMICONDUCTOR.....	6	
- 2	JANTX1N4454	81350	. SEMICONDUCTOR.....	6	
- 3	JANTX2N2222A	81350	. SEMICONDUCTOR.....	3	
- 4	RCR05G512JS	81349	. RESISTOR.....	4	
- 5	RNC55H1692FS	81349	. RESISTOR.....	1	
- 6	RCR07G103JS	81349	. RESISTOR.....	1	
- 7	615515-901	37695	. MICROCIRCUIT.....	1	
- 8	RNC60H3741FS	81349	. RESISTOR (Select at test).....	1	
	RNC60H3831FS	81349	. RESISTOR (Select at test).....	1	
	RNC60H3921FS	81349	. RESISTOR (Select at test).....	1	
	RNC60H4021FS	81349	. RESISTOR (Select at test).....	1	
	RNC60H4121FS	81349	. RESISTOR (Select at test).....	1	
	RNC60H4221FS	81349	. RESISTOR (Select at test).....	1	
	RNC60H4321FS	81349	. RESISTOR (Select at test).....	1	
- 9	M39006/09-8285	81349	. CAPACITOR.....	1	
- 10	616384-901	37695	. SEMICONDUCTOR.....	1	
- 11	RNC55H1002FS	81349	. RESISTOR.....	1	
- 12	RCR05G103JS	81349	. RESISTOR.....	2	
- 13	JM38510/30301BCX	81349	. MICROCIRCUIT.....	1	
- 14	RCR05G182JS	81349	. RESISTOR.....	1	
- 15	JANTX1N751A	81350	. SEMICONDUCTOR.....	1	
- 16	M39014/01-1473	81349	. CAPACITOR.....	2	
- 17	JM38510/30005BCX	81349	. MICROCIRCUIT.....	1	
- 18	M39014/01-1455	81349	. CAPACITOR.....	5	
- 19	615969-901	37695	. MICROCIRCUIT.....	2	
- 20	CCR05CG181GM	81349	. CAPACITOR.....	2	
- 21	RNC55H1102FS	81349	. RESISTOR (Select at test).....	1	
	RNC55H1002FS	81349	. RESISTOR (Select at test).....	1	
	RNC55H1052FS	81349	. RESISTOR (Select at test).....	1	
- 22	RCR05G102JS	81349	. RESISTOR.....	1	
- 23	JM38510/31401BEX	81349	. MICROCIRCUIT.....	2	
- 24	JM38510/30003BCX	81349	. MICROCIRCUIT.....	1	
- 25	RNC55H2152FS	81349	. RESISTOR.....	1	
- 26	JM38510/30102BCX	81349	. MICROCIRCUIT.....	1	
- 27	RCR05G513JS	81349	. RESISTOR.....	1	
- 28	M39014/02-1407	81349	. CAPACITOR.....	4	
- 29	JM38510/30001BCX	81349	. MICROCIRCUIT.....	1	
- 30	RCR07G510JS	81349	. RESISTOR.....	1	
- 31	M39012/94-3003	81349	. CONNECTOR.....	1	
- 32	RCR05G510JS	81349	. RESISTOR.....	1	
- 33	JANTX2N2369A	81350	. SEMICONDUCTOR.....	2	
- 34	RCR05G5R1JS	81349	. RESISTOR.....	1	
- 35	RCR05G511JS	81349	. RESISTOR.....	3	
- 36	M39014/01-1219	81349	. CAPACITOR.....	1	



URC104-IPB-10
REF MAG DWG 565699 REV -
PL 565699 REV -

NOTE: REFERENCE DESIGNATIONS ARE ABBREVIATED, PREFIX WITH 41W1

Figure 10. Oscillator Interconnect Cable Assembly

FIGURE AND INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
9- 37	RCR05G562JS	81349	. RESISTOR.....	1	
- 38	RCR07G111JS	81349	. RESISTOR.....	1	
- 39	RCR20G132JS	81349	. RESISTOR.....	1	
- 40	JM38510/08101BCX	81349	. MICROCIRCUIT.....	1	
- 41	M55302/4-03	81349	. CONNECTOR.....	1	
- 42	RCR20G302JS	81349	. RESISTOR.....	1	
- 43	JANTX1N4245	81350	. SEMICONDUCTOR.....	2	
- 44	RCR20G151JS	81349	. RESISTOR.....	1	
- 45	RCR07G113JS	81349	. RESISTOR.....	1	
- 46	M39003/03-0140	81349	. CAPACITOR.....	1	
- 47	M39014/01-1461	81349	. CAPACITOR.....	1	
- 48	M39014/01-1201	81349	. CAPACITOR.....	1	
- 49	619905-901	37695	. INTEGRATED CIRCUIT.....	1	
- 50	RCR07G221JS	81349	. RESISTOR.....	1	
- 51	RCR07G2R7JS	81349	. RESISTOR.....	1	
- 52	M39014/02-1238	81349	. CAPACITOR.....	1	
- 53	RCR07G392JS	81349	. RESISTOR.....	1	
- 54	615883-902	37695	. MICROCIRCUIT.....	1	
- 55	MS51957-27	96906	. SCREW (AP).....	2	
	NAS1640-6	80205	. WASHER (AP).....	2	
	NAS671C6	80205	. NUT (AP).....	2	
- 56	RCR32G160JS	81349	. RESISTOR.....	2	
- 57	RNC55H2430FS	81349	. RESISTOR.....	1	
- 58	M39016/13-057L	81349	. RELAY.....	1	
	447056-2	37695	. INSULATOR, Relay (AP).....	1	
- 59	411573-1	37695	. PRINTED WIRING BOARD.....	1	
- 60	RWR80S1210FM	81349	. RESISTOR.....	1	
10-	565699-801	37695	CABLE ASSEMBLY, Oscillator..... interconnect (see fig. 6 for nha)	REF	
- 1	M39012/56-3007	81349	. CONNECTOR.....	2	
- 2	155745-97	37695	. BAND MARKER.....	1	
- 3	155745-98	37695	. BAND MARKER.....	1	
- 4	155745-99	37695	. BAND MARKER.....	1	

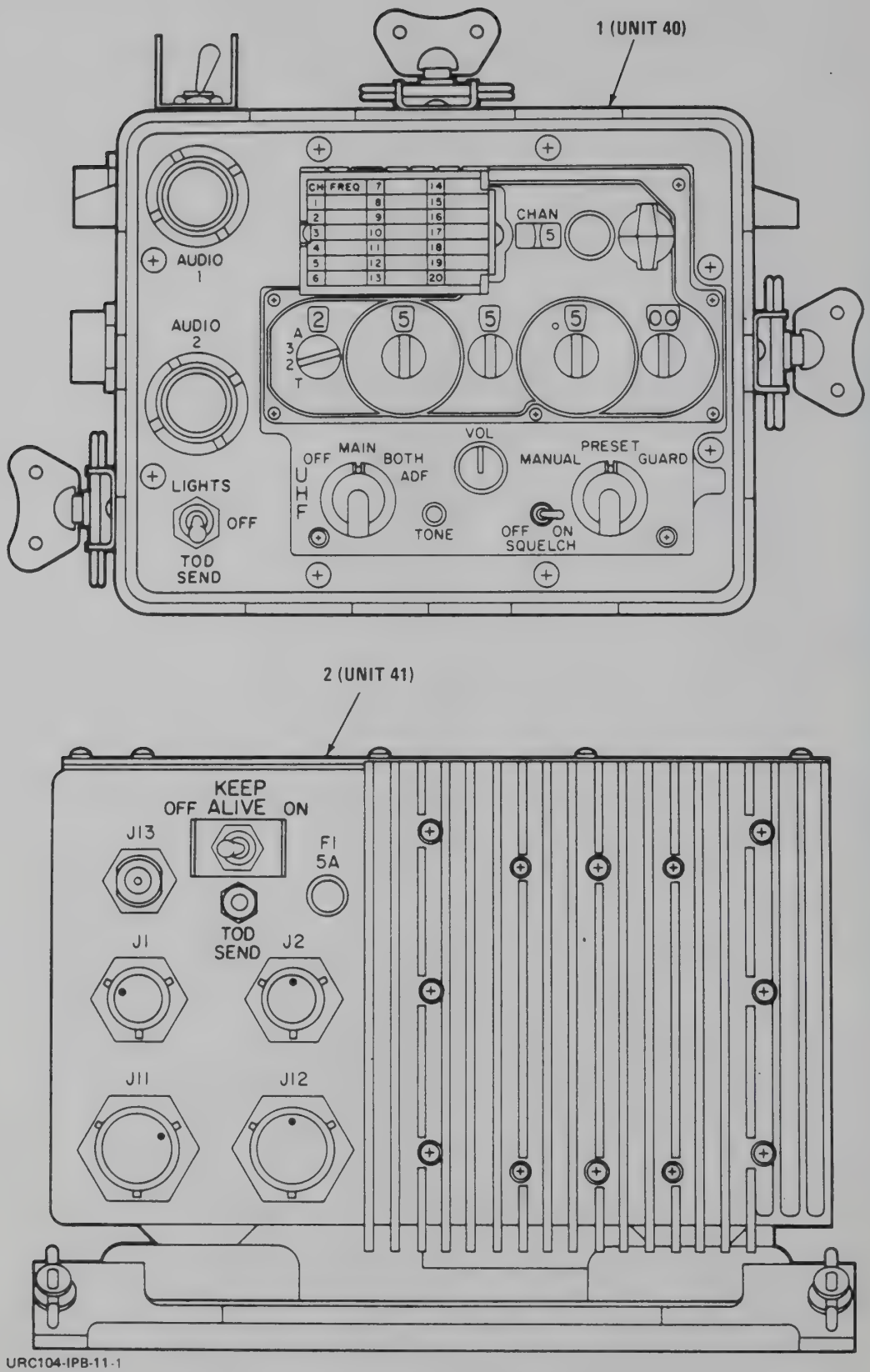
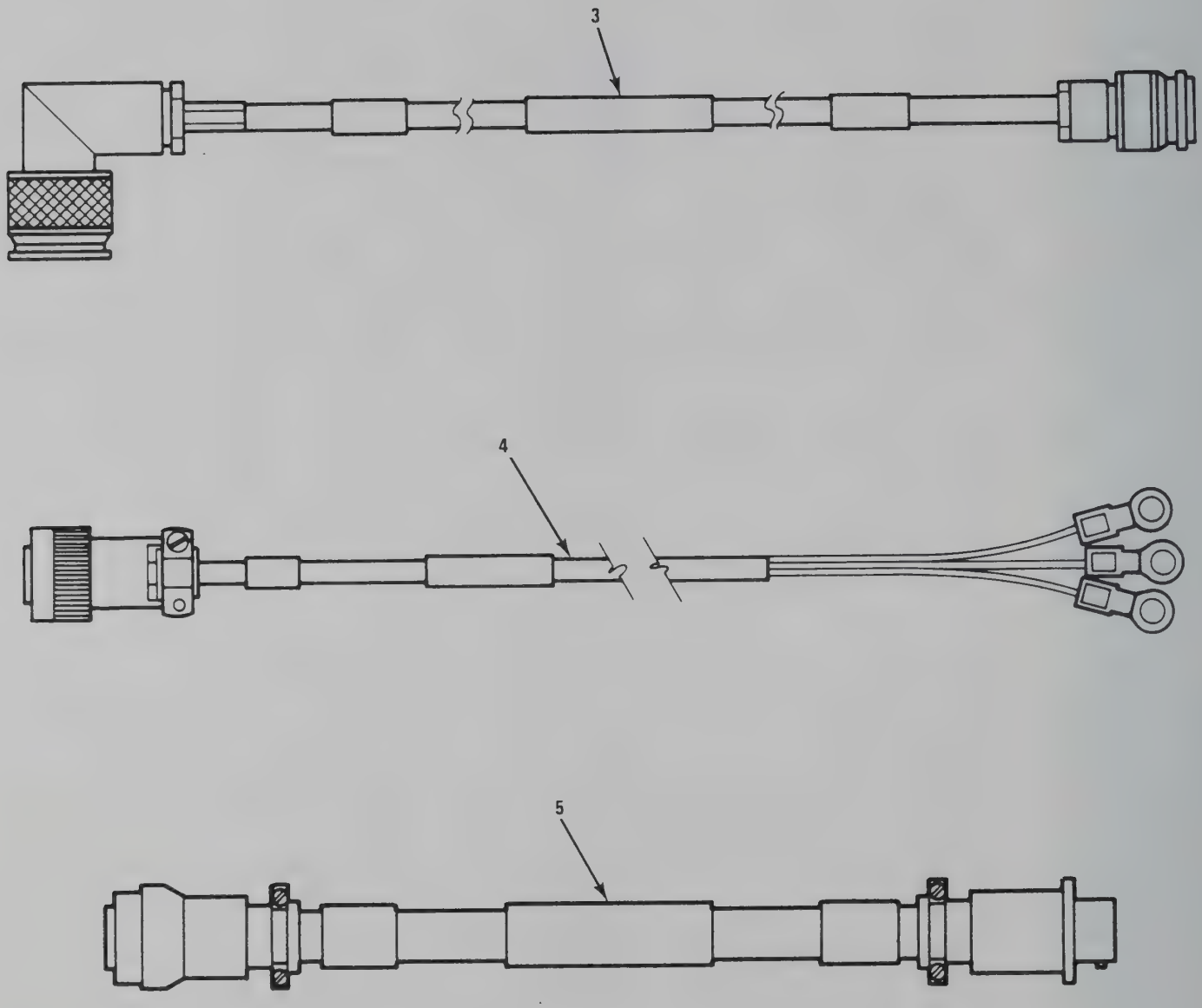


Figure 11. Radio Set AN/URC-99 and AN/URC-99A (Sheet 1 of 2)

FIGURE AND INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
11-	707042-804	37655	RADIO SET AN/URC-99 (see fig. 1... for nha)	REF	A
	707042-843	37655	RADIO SET AN/URC-99A (see fig. 1.. for nha)	REF	B
- 1	707043-801	37655	. CONTROL, Radio set C-10905/..... URC-99 (see fig. 12 for bkdn)	1	
- 2	707005-801	37655	. ADAPTER, Mounting MT-6165/..... URC (see fig. 6 for bkdn)	1	
	707060-801	37655	. RECEIVER-TRANSMITTER, Radio RT-. 1145C/ARC-164 (See T.O. 12R2-2ARC164-34 for bkdn)	1	A
	707650-801	37655	. RECEIVER-TRANSMITTER, Radio RT-. 1504/ARC-164 (See T.O. 12R2-2ARC164-34 for bkdn)	1	B
	740930-802	37655	KIT, Modification.....	1	
- 3	566004-801	37655	. CABLE ASSEMBLY..... (see fig. 15 for bkdn)	1	
- 4	566149-802	37655	. CABLE, Power..... (see fig. 16 for bkdn)	1	
- 5	566752-801	37655	. CABLE ASSEMBLY, Interface..... (see fig. 17 for bkdn)	1	
			A - Used on 707042-804 only B - Used on 707042-843 only		
12-	707043-801	37695	CONTROL, Radio set C-10905/URC-99. (see fig. 11 for nha)	REF	
- 1	155748-	37695	. PLATE, Identification.....	1	
- 2	810623-801	37695	. AUDIO-SWITCHING ASSEMBLY..... (see fig. 13 for bkdn)	1	
	136494-1	37695	. SCREW, Machine (AP).....	8	
- 3	565669-801	37695	. HARNESS, Wiring.....	1	
	MS51957-14	96906	. SCREW (AP).....	4	
- 4	810621-801	37695	. . CIRCUIT CARD ASSEMBLY.....	1	
- 5	M39006/09-8333	81349	. . . CAPACITOR.....	1	
- 6	328999-2	37695	. . . REACTOR.....	1	
	MS35649-244	96506	. . . NUT (AP).....	1	
	NAS1640-4	80705	. . . WASHER (AP).....	1	
	AN960-4	88044	. . . WASHER (AP).....	1	
- 7	209399-1	37695	. . . TERMINAL, Stud.....	7	
- 8	RCR20G222JS	81349	. . . RESISTOR.....	1	
- 9	RCR20G332JS	81349	. . . RESISTOR.....	1	
- 10	411327-1	37695	. . . PRINTED WIRING BOARD.....	1	



URC-104-IPB-11-2

Figure 11. Radio Set AN/URC-99 and AN/URC-99A (Sheet 2 of 2)

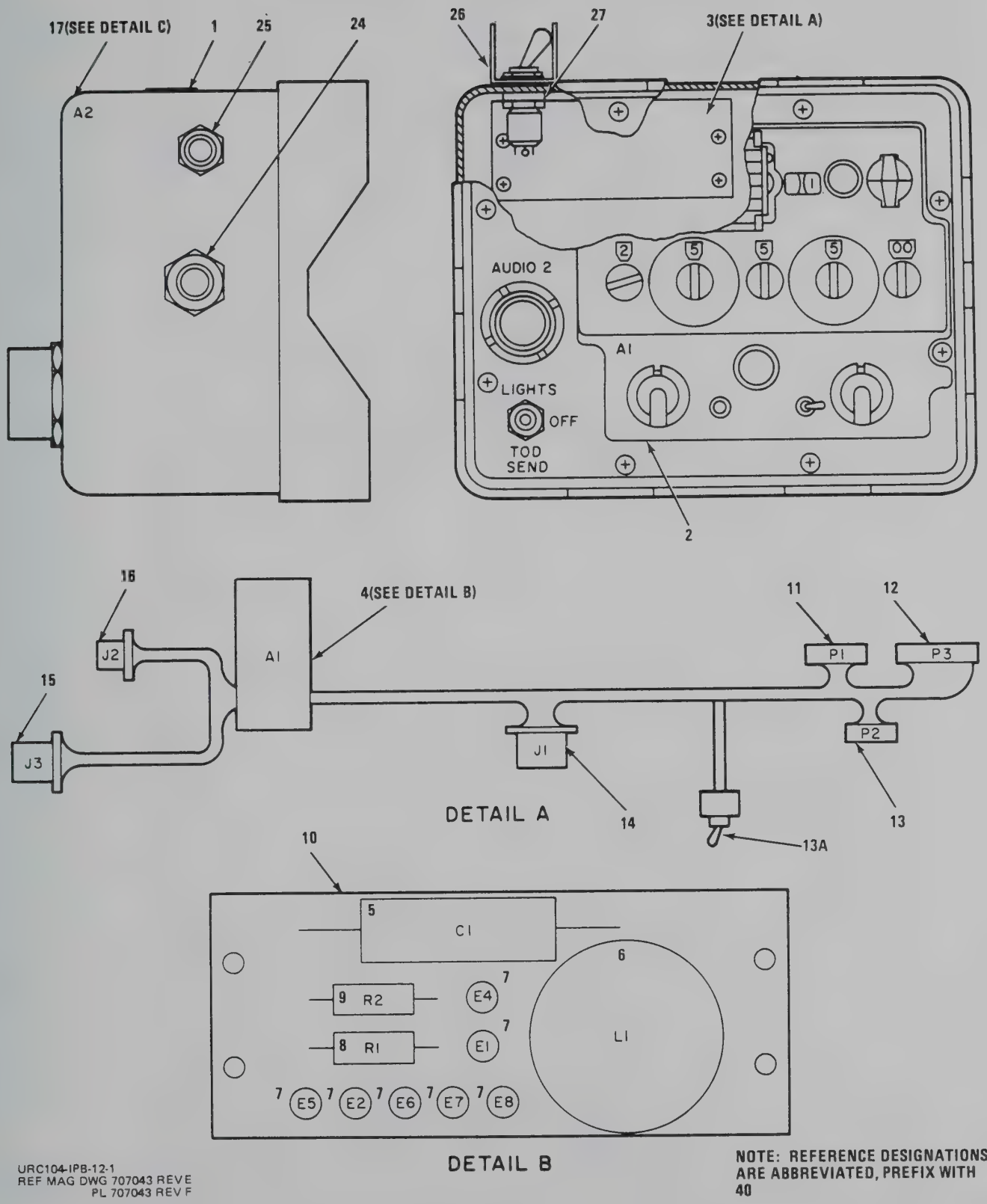


Figure 12. Radio Set Control C-10905/URC-99 (Sheet 1 of 2)

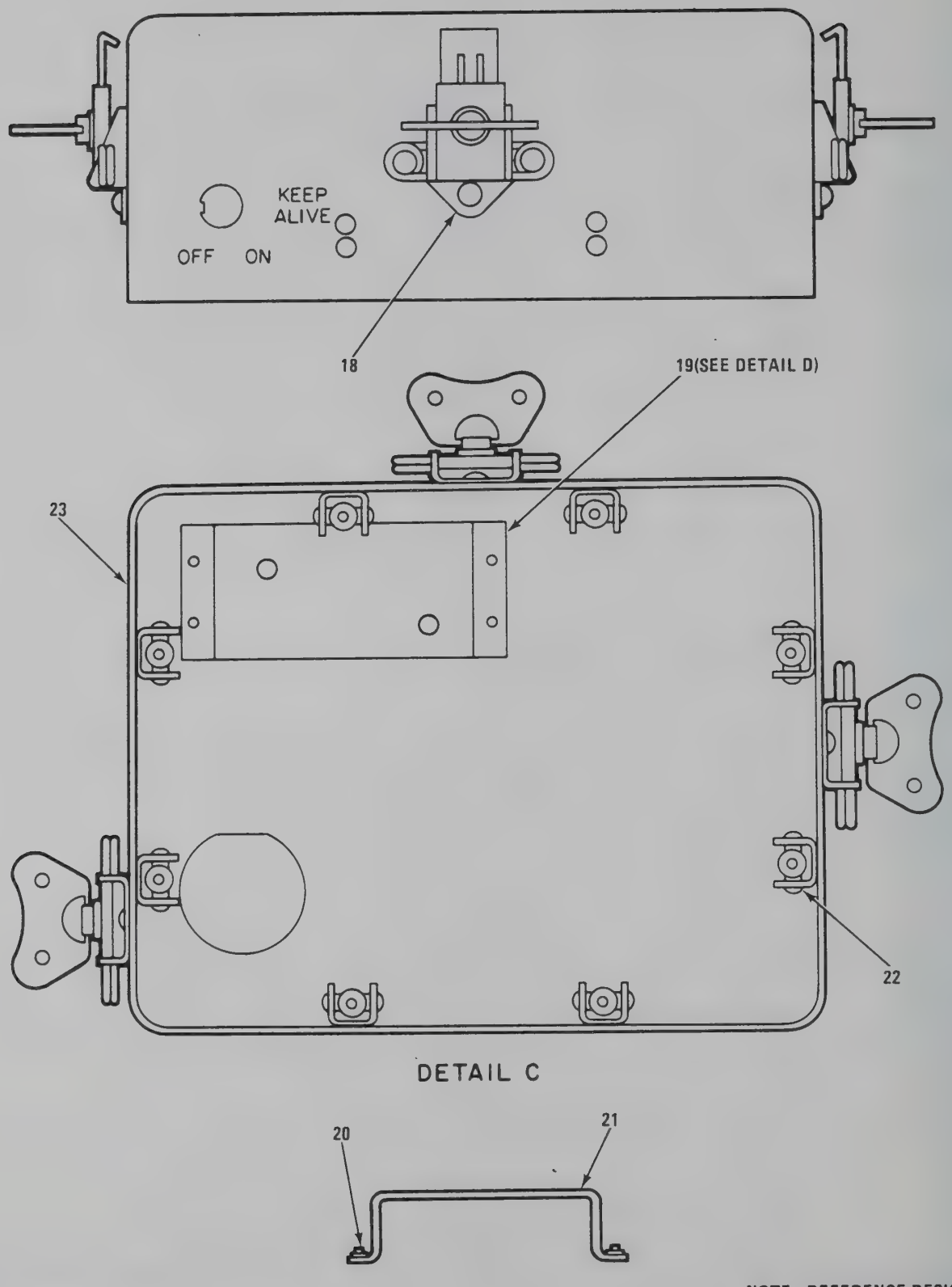
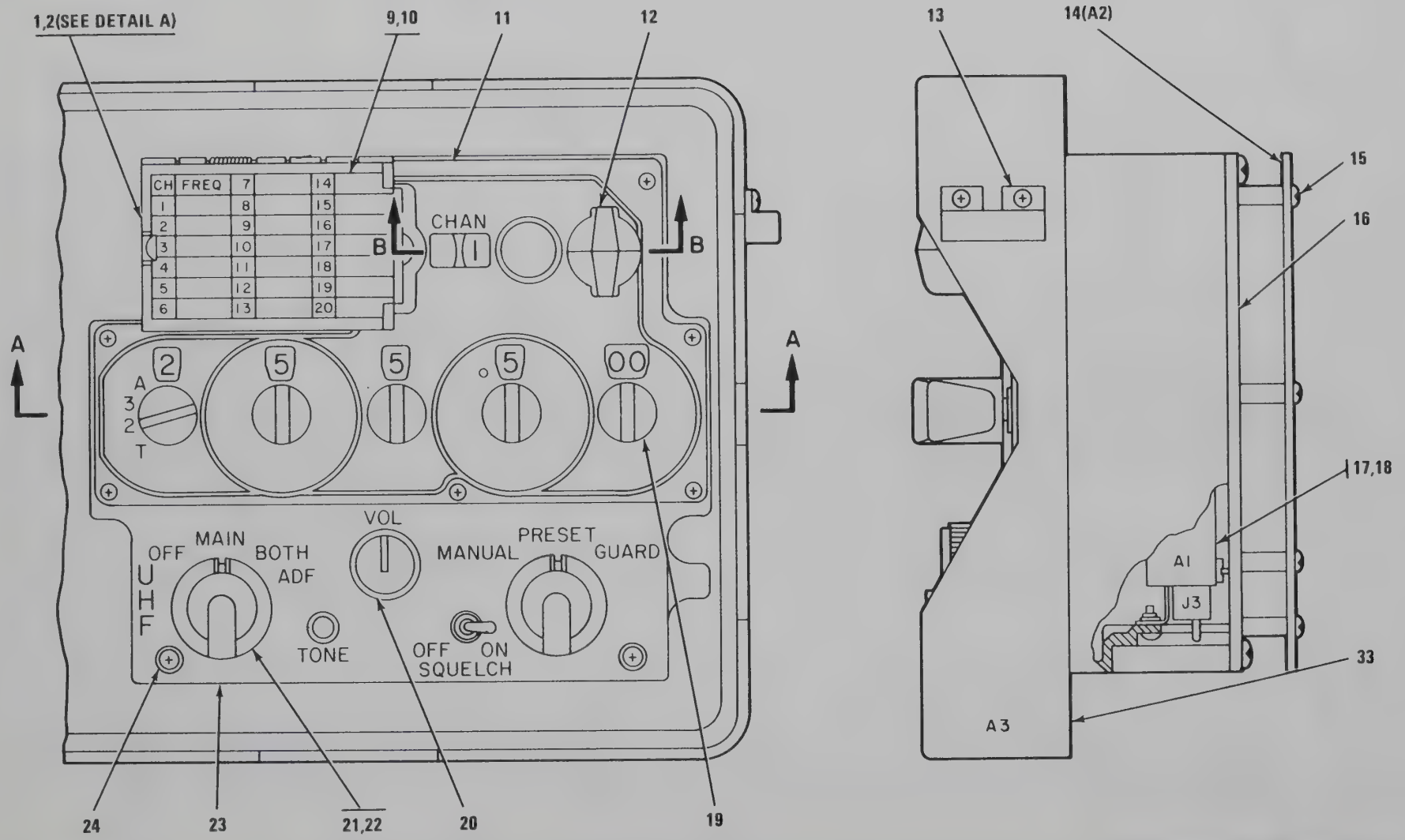


Figure 12. Radio Set Control C-10905/URC-99 (Sheet 2 of 2)

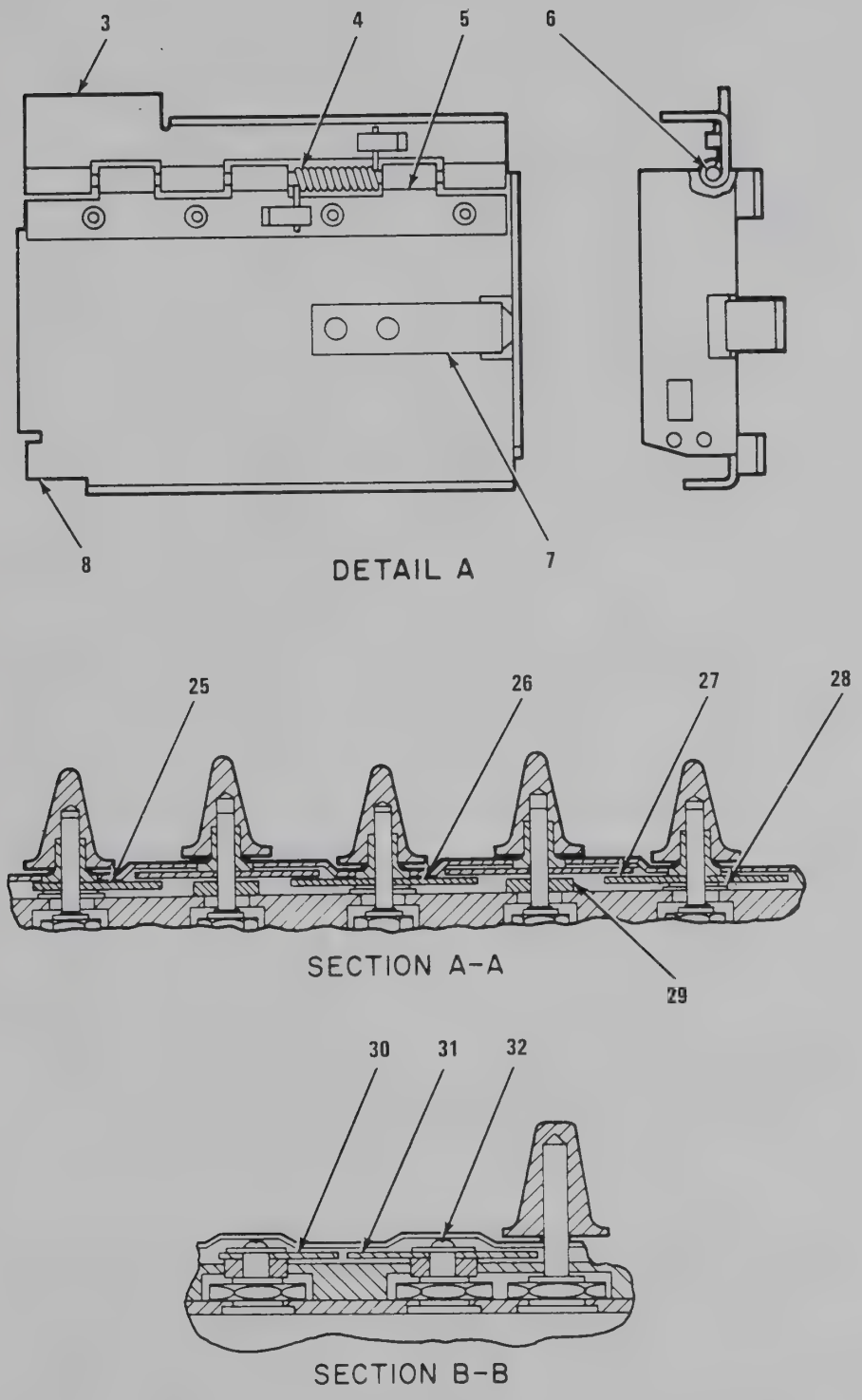
FIGURE AND INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
12- 11	185650-2	37695	. . CONNECTOR.....	1	
- 12	185650-3	37695	. . CONNECTOR.....	1	
- 13	185649-2	37695	. . CONNECTOR.....	1	
- 13A	MS90311-721	96906	. . SWITCH, Toggle.....	1	
- 14	186093-1	37695	. . CONNECTOR, Receptacle.....	1	
- 15	MS3114E12-10SW	96906	. . CONNECTOR, Receptacle.....	1	
- 16	186093-2	37695	. . CONNECTOR, Receptacle.....	1	
- 17	810622-801	37695	. REAR HOUSING.....	1	
- 18	136463-1	37695	. . LATCH, Spring.....	3	
	MS20470AD4-4	96906	. . RIVET (AP).....	6	
- 19	937421-801	37695	. . BRACKET, Mount.....	1	
- 20	M45938/5-3C	81349	. . . NUT.....	4	
- 21	937421-1	37695	. . . BRACKET, Mount.....	1	
- 22	107140-108	37695	. . NUT, Self-locking.....	8	
	MS20470AD3-4	96906	. . RIVET (AP).....	16	
- 23	937282-1	37695	. . HOUSING, Rear.....	1	
- 24	MS3181-12N	96906	. COVER.....	1	
- 25	MS3181-8N	96906	. COVER.....	1	
- 26	939238-1	37695	. GUARD, Switch.....	1	
- 27	M5423/16-01	81349	. BOOT.....	1	
13-	810623-801	37695	AUDIO SWITCHING ASSEMBLY C-10905/. URC-99 (see fig. 12 for nha)	REF	
- 1	933276-801	37695	. ACCESS COVER.....	1	
- 2	MS51957-1B	96906	. SCREW (AP).....	2	
	NAS1640-2P	80205	. WASHER (AP).....	2	
- 3	933275-1	37695	. . BRACKET, Hinge.....	1	
- 4	439081-1	37695	. . SRPING, Hinge.....	1	
- 5	933275-2	37695	. . BRACKET, Hinge.....	1	
	108747-7	37695	. . RIVET (AP).....	4	
- 6	511451-1	37695	. . PIN, Hinge.....	1	
- 7	435402-1	37695	. . SPRING, Leaf.....	1	
	MS20426AD2-2	96906	. . RIVET (AP).....	2	
- 8	932949-1	37695	. . COVER, Access.....	1	
- 9	345778-1	37695	. CHART, Channel frequency.....	1	
- 10	345777-1	37695	. COVER, Protective.....	1	
- 11	936303-1	37695	. MASK, Dial.....	1	
	MS51957-2B	96906	. SCREW (AP).....	4	
	MS51957-3B	96906	. SCREW (AP).....	3	
- 12	148054-1	37695	. KNOB, Channel select.....	1	
	NAS1081C06D3L	80205	. SETSCREW (AP).....	2	
- 13	937420-1	37695	. BRACKET, Microphone.....	2	
	MS51957-11B	96906	. SCREW (AP).....	4	



URC104-IPB-13-1
REF MAG DWG 810623 REV F
PL 810623 REV F

NOTE: REFERENCE DESIGNATIONS ARE ABBREVIATED, PREFIX WITH 40A1

Figure 13. Audio Switching Assembly C-10905/URC-99 (Sheet 1 of 2)



URC104-IPB-13-2
REF MAG DWG 810623 REV F
PL 810623 REV F

NOTE: REFERENCE DESIGNATIONS ARE ABBREVIATED, PREFIX WITH 40A1

Figure 13. Audio Switching Assembly C-10905/URC-99 (Sheet 2 of 2)

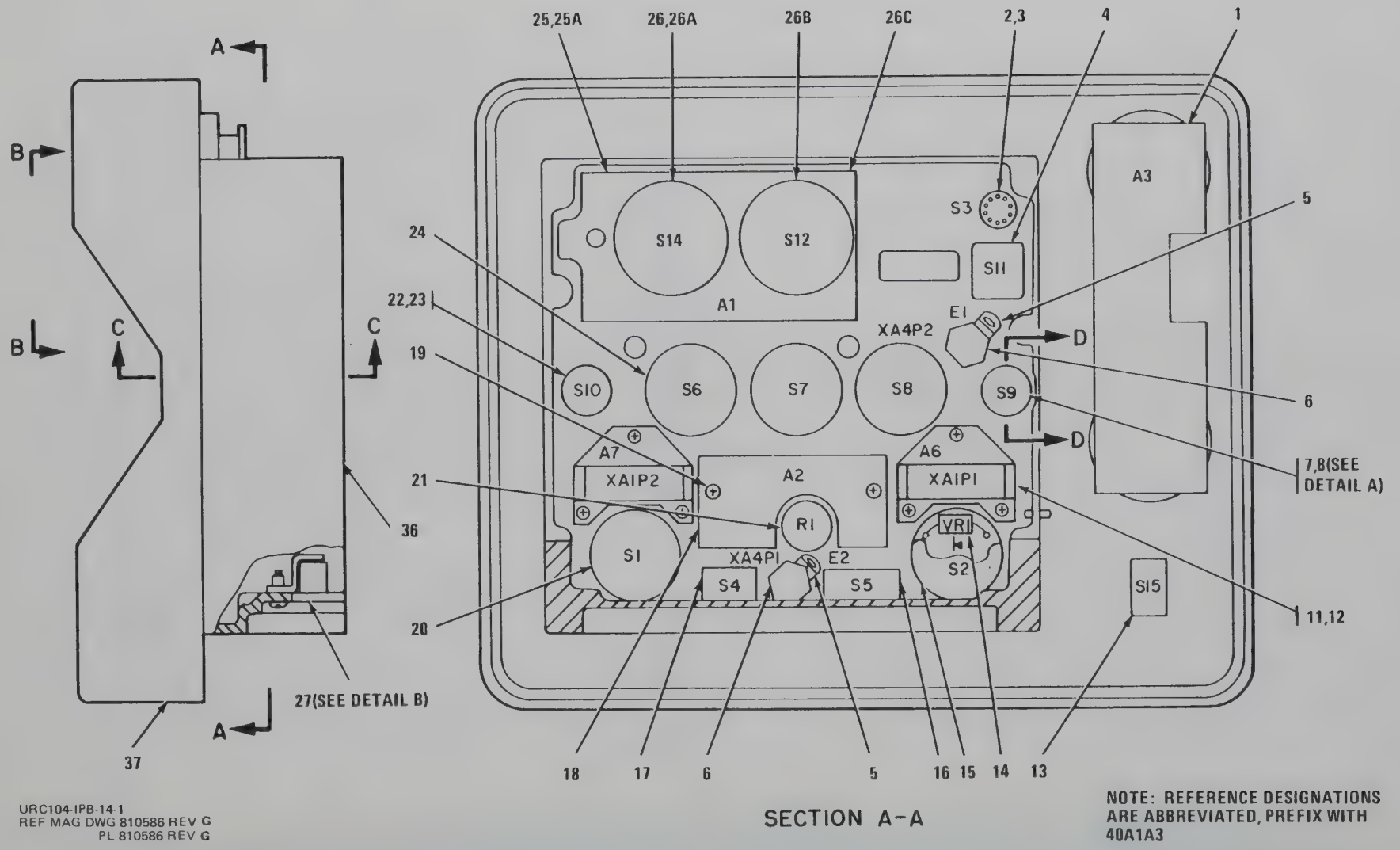
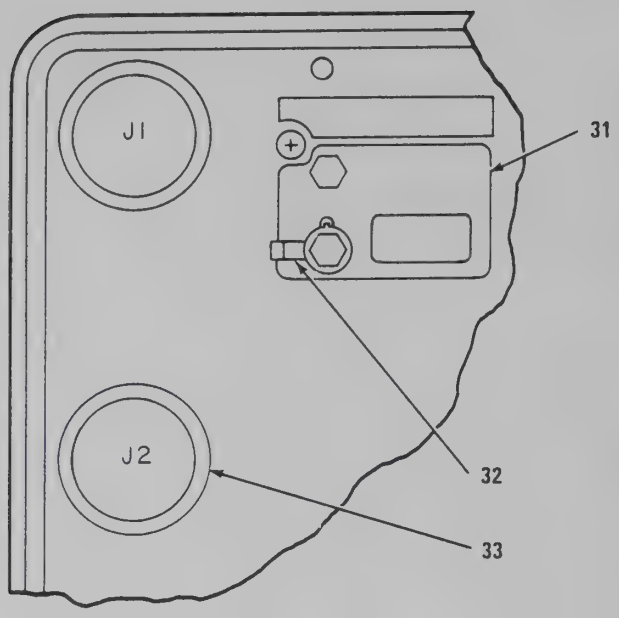
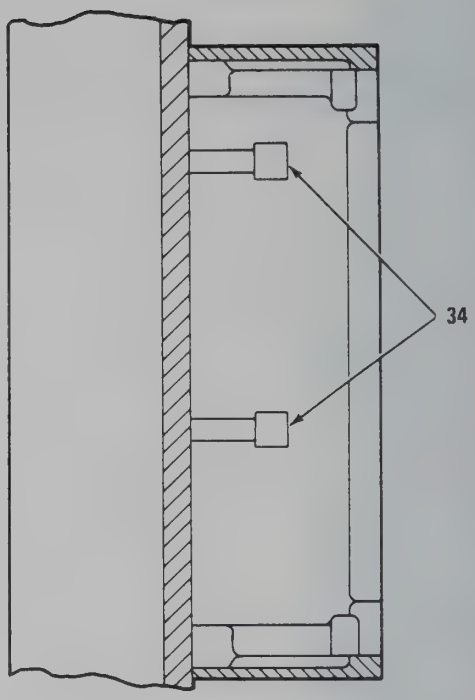


Figure 14. Panel Assembly Switching Unit (Sheet 1 of 2)

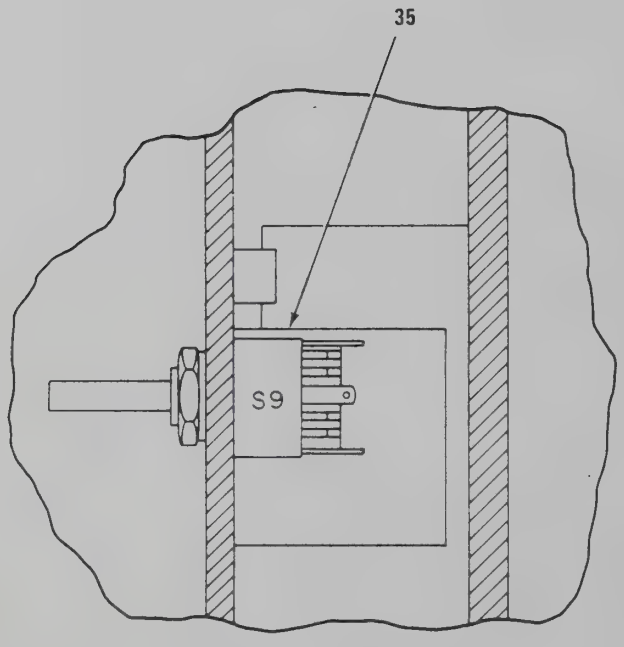
FIGURE AND INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
13- 14	918837-802	37695	. CIRCUIT CARD ASSEMBLY (See T.O.. 12R2-2ARC164-34 for bkdn)	1	
- 15	MS51957-30	96906	. SCREW (AP).....	10	
	NAS620C6	88044	. WASHER (AP).....	10	
- 16	937283-1	37695	. PLATE, Mounting.....	1	
	MS51958-63	96906	. SCREW (AP).....	4	
- 17	912323-802	37695	. MNOS MEMORY ASSEMBLY..... (see fig. 4 for bkdn)	1	
- 18	107034-3204	37695	. SCREW (AP).....	4	
	MS51957-10	96906	. SCREW (AP).....	2	
- 19	148059-1	37695	. KNOB.....	5	
	NAS1081C08D4L	80205	. SETSCREW (AP).....	5	
- 20	148053-1	37695	. KNOB, Volume.....	1	
	NAS1081C06D3L	80205	. SETSCREW (AP).....	2	
- 21	148051-1	37695	. KNOB.....	2	
- 22	NAS1081C06D5L	80205	. SETSCREW (AP).....	2	
	NAS1081C06D2L	80205	. SETSCREW (AP).....	2	
- 23	155358-1	37695	. PANEL, Information.....	1	
- 24	MS51957-2B	96906	. SCREW (AP).....	2	
	107100-253	37695	. WASHER (AP).....	2	
- 25	914599-801	37695	. DIAL ASSEMBLY.....	1	
- 26	912346-801	37695	. DIAL ASSEMBLY.....	3	
- 27	912347-801	37695	. DIAL ASSEMBLY.....	1	
- 28	345905-1	37695	. SPACER.....	3	
- 29	345905-2	37695	. SPACER.....	2	
- 30	911610-801	37695	. DIAL ASSEMBLY.....	1	
- 31	911609-801	37695	. DIAL ASSEMBLY.....	1	
- 32	107045-1202	37695	. SCREW (AP).....	2	
	NAS1640-2	80205	. WASHER (AP).....	2	
- 33	810586-801	37695	. PANEL ASSEMBLY, Switching unit.. (see fig. 14 fo bkdn)	1	
	MS9068-013	96906	. PACKING (AP).....	2	
14-	810586-801	37695	PANEL ASSEMBLY, Switching unit.... (see fig. 13 for nha)	REF	
- 1	810736-801	37695	. CIRCUIT CARD ASSEMBLY.....	1	
	347941-1	37695	. WASHER, Insulator (AP).....	2	
- 2	169364-1	37695	. SWITCH, Rotary.....	1	
- 3	345899-1	37695	. SEAL, Plain (AP).....	1	
	107003-163	37695	. WASHER, Lock (AP).....	1	
- 4	169323-4	37695	. SWITCH, Push.....	1	
	107003-163	37695	. WASHER, Lock (AP).....	1	
- 5	4028	77147	. TERMINAL, Lug (Magnavox..... spec cont dwg 208010-1)	2	



VIEW B-B



SECTION C-C



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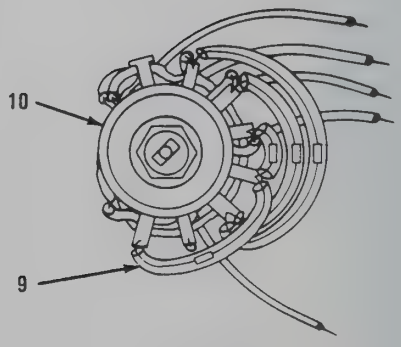
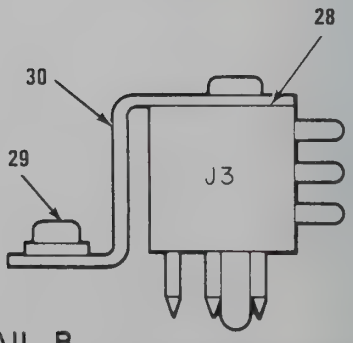


DETAIL A



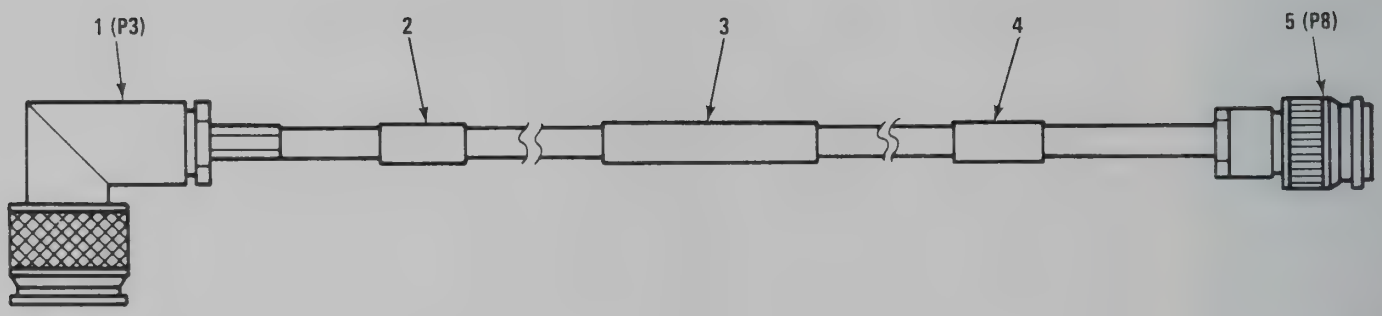
DETAIL B

URC104-IPB-14-2
REF MAG DWG 810586 REV G
PL 810586 REV G

NOTE: REFERENCE DESIGNATIONS ARE ABBREVIATED, PREFIX WITH 40A1A3

Figure 14. Panel Assembly Switching Unit (Sheet 2 of 2)

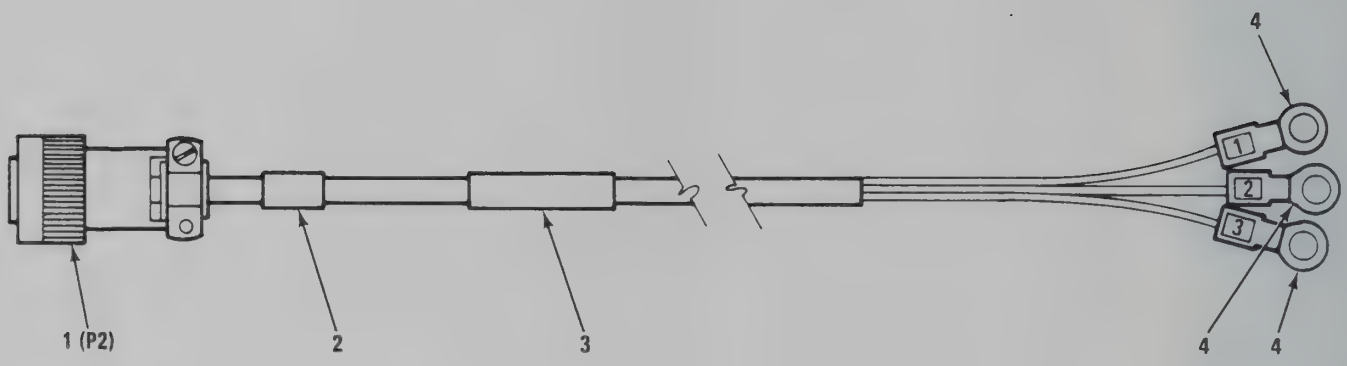
FIGURE AND INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
14- 6	185729-3	37695	. CONNECTOR	2	
	345899-2	37695	. SEAL, Plain (AP)	2	
- 7	165342-801	37695	. SWITCH ASSEMBLY	1	
- 8	107304-104	37695	. NUT, Plain (AP)	1	
	107003-213	37695	. WASHER, Lock (AP) (Alternate Part)	1	
	107003-113	37695	. WASHER, Lock (AP) (Alternate Part)	1	
	107003-513	37695	. WASHER, Lock (AP) (Alternate Part)	1	
- 9	JANTX1N4454	81350	. . SEMICONDUCTOR DEVICE	4	
- 10	165335-1	37695	. . SWITCH, Rotary	1	
- 11	931721-801	37695	. BRACKET, Mount	2	
- 12	510671-1	37695	. BUSHING (AP)	6	
	MS51957-2	96906	. SCREW (AP)	6	
	NAS1640-2	80205	. WASHER (AP)	6	
- 13	MS90311-811	96906	. SWITCH, Toggle	1	
	M5423/01-01	81349	. BOOT (AP)	1	
- 14	JANTX1N4479	81350	. SEMICONDUCTOR	1	
- 15	169322-5	37695	. SWITCH, Rotary	1	
- 16	169350-3	37695	. SWITCH, Push	1	
- 17	MS24655-231	96906	. SWITCH, Toggle	1	
- 18	918901-803	37695	. CIRCUIT CARD ASSEMBLY (See T.O. 12R2-2ARC164-34 for bkdn)	1	
- 19	MS51957-3	96906	. SCREW (AP)	2	
	NAS1640-2	80205	. WASHER (AP)	2	
	NAS620C2	80205	. WASHER (AP)	4	
- 20	169318-2	37695	. SWITCH, Rotary	1	
- 21	228031-3	37695	. RESISTOR	1	
- 22	168312-11	37695	. SWITCH, Rotary	1	
- 23	107304-104	37695	. NUT, Plain (AP)	1	
	107003-163	37695	. WASHER, Lock (AP)	1	
- 24	169320-2	37695	. SWITCH, Rotary	3	
	107003-163	37695	. WASHER, Lock (AP)	3	
- 25	912303-804	37695	. SWITCH ASSEMBLY	1	
- 25A	MS25082C5	96906	. NUT (AP)	2	
	MS25082C20	96906	. NUT (AP)	1	
	1218-02	78189	. WASHER, Lock (AP) (Magnavox spec cont dwg 107003-115)	2	
	1920-02	78189	. WASHER, Lock (AP) (Magnavox spec cont dwg 107003-177)	1	
- 26	169374-1	37695	. . SWITCH, Rotary	1	
- 26A	MS51957-2	96906	. . SCREW (AP)	4	
	448504-1	37695	. . WASHER, Nonmetallic (AP)	2	
- 26B	169373-1	37695	. . SWITCH, Rotary	1	
- 26C	625692-1	37695	. . CHANNEL SELECT ASSEMBLY	1	



URC-104-IPB-15
REF MAG DWG 566004 REV –
PL 566004 REV –

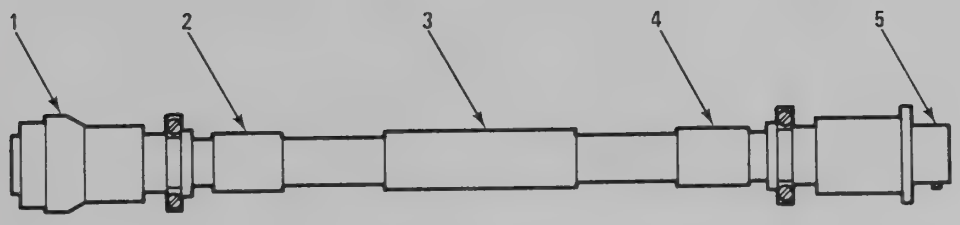
Figure 15. Antenna Cable Assembly

FIGURE AND INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
14- 27	932857-801	37695	. BRACKET, Angle.....	1	
	MS51957-3	96906	. SCREW (AP).....	2	
- 28	185648-3	37695	. . CONNECTOR, Printed circuit....	1	
- 29	79NCFMA1-26	72962	. . NUT, Self-locking (Magnavox... spec cont dwg 107119-1)	2	
- 30	932857-1	37695	. . BRACKET, Angle.....	1	
- 31	937422-1	37695	. PLATE, Information.....	1	
- 32	435412-1	37695	. SPRING, Leaf.....	1	
- 33	U79/U	81349	. CONNECTOR, Plug.....	2	
- 34	346659-1	37695	. SPACER (Select at test).....	2	
	346659-2	37695	. SPACER (Select at test).....	2	
	346659-3	37695	. SPACER (Select at test).....	2	
	346659-4	37695	. SPACER (Select at test).....	2	
	346659-5	37695	. SPACER (Select at test).....	2	
	346659-6	37695	. SPACER (Select at test).....	2	
	346659-7	37695	. SPACER (Select at test).....	2	
	346659-8	37695	. SPACER (Select at test).....	2	
	346659-9	37695	. SPACER (Select at test).....	2	
- 35	347996-1	37695	. INSULATOR, Switch.....	1	
- 36	660112-1	37695	. HOUSING, Switch.....	1	
- 37	513978-801	37695	. PLATE, Front.....	1	
	MS24693C26	96906	. SCREW (AP).....	4	
15-	566004-801	37695	CABLE ASSEMBLY..... (See fig. 11 for nha)	REF	
- 1	M39012/05-0503	81349	. CONNECTOR.....	1	
- 2	155745-114	37695	. BAND MARKER.....	1	
- 3	155745-116	37695	. BAND MARKER.....	1	
- 4	155745-115	37695	. BAND MARKER.....	1	
- 5	M39012/26-0101	81349	. CONNECTOR.....	1	



URC104-IP8-16
REF MAG DWG 566149 REV A
PL 566149 REV C

Figure 16. Power Cable



URC104-IPB-17
REF MAG DWG 566752 REV –
PL 566752 REV –

Figure 17. Interface Cable Assembly

FIGURE AND INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
16-	566149-802	37695	CABLE, Power..... (see fig. 2 and 11 for nha)	REF	
- 1	MS3116F12-10S	96906	. CONNECTOR.....	1	
- 2	155745-117	37695	. BAND MARKER.....	1	
- 3	155745-120	37695	. BAND MARKER.....	1	
- 4	MS25036-150	96906	. TERMINAL LUG.....	3	
17-	566752-801	37695	. CABLE ASSEMBLY, Interface..... (see fig. 2 and 11 for nha)	REF	
- 1	MS3116F12-10P	96906	. CONNECTOR.....	1	
- 2	155745-123	37695	. BAND MARKER.....	1	
- 3	155745-121	37695	. BAND MARKER.....	1	
- 4	155745-122	37695	. BAND MARKER.....	1	
- 5	MS3111F12-10P	96906	. CONNECTOR.....	1	

SECTION III

NUMERICAL INDEX

PART NUMBER	FIGURE AND INDEX NUMBER	QTY PER END ITEM	SMR CODE
AN/URC-98	1-		
AN/URC-98A	F 1-		
AN/URC-99	1-		
AN/URC-99A	F 1-		
AN960C10	F 7- 36	16	PAFZZN
AN960C4	F 7- 2	5	
AN960C416	F 7- 21	2	
AN960CX4	F 6- 3	19	PAFZZN
AN960CX6	F 7- 26	4	PAFZZN
CCR05CG181GM	9- 20	2	PADZZN
FHN42W	7- 42	1	PAFZZN
FM01-125V5A	7- 43	1	PADZZN
JANTX1N4245	9- 43	2	PADZZN
JANTX1N4454	9- 2	10	PADZZN
JANTX1N4479	5- 18	2	PADZZN
JANTX1N5807	9- 1	6	PADZZN
JANTX1N751A	9- 15	1	PADZZN
JANTX2N2222A	9- 3	3	PADZZN
JANTX2N2369A	9- 33	2	PADZZN
JM38510/08101BCX	9- 40	1	PADZZN
JM38510/30001BCX	9- 29	1	PADZZN
JM38510/30003BCX	9- 24	1	PADZZN
JM38510/30005BCX	9- 17	1	PADZZN
JM38510/30102BCX	9- 26	1	PADZZN
JM38510/30301BCX	9- 13	1	PADZZN
JM38510/31401BEX	9- 23	2	PAPZZN
MS16562-213	7- 24	2	PAFZZN
MS20426AD2-2	F13- 7	2	XA
MS20426AD2-4	F 5- 36	14	PADZZN
MS20426AD3-5	F 5- 40	4	PADZZN
MS20426AD5-6	F 7- 33	6	XA
MS20426AD5-7	F 7- 31	6	
MS20470AD2-2	F 7- 13	4	
MS20470AD3-4	F12- 22	16	PAFZZN
MS20470AD4-4	F12- 18	6	
MS21209C415	6- 7	9	PAFZZN
MS21209C0215	7- 8	2	PAFZZN
MS21209C0415	7- 7	3	PAFZZN
MS21209C0615	7- 9	20	PAFZZN
MS21209F1-15	7- 28	2	XA
MS24655-231	5- 21	2	PADZZN
MS24693-5B	F 2- 2	4	
MS24693C2B	F 6- 6	10	PAFZZN
MS24693C25B	F 6- 14	26	PAFZZN
MS24693C26	F 5- 34	12	PADZZN
MS24693C48B	F 7- 16	4	PAFZZN
MS24693C5B	F 6- 12	4	PAFZZN
MS24693C50	7- 36	16	PAFZZN
MS25036-150	6- 4	3	
MS25082C20	5- 2	2	PADZZN
MS25082C5	F 5- 2	4	PADZZN
MS27336T18B32S	8- 2	1	PAFZZN
MS3111F12-10P	17- 5	1	
MS3114E12-10S	8- 12	1	PAFZZN
MS3114E12-10SW	8- 15	2	PAFZZN
MS3114E16-26P	8- 7	1	PAFZZN
MS3114E16-26PW	8- 22	1	PAFZZN
MS3116F12-10P	17- 1	1	
MS3116F12-10S	16- 1	1	
MS3154-18	F 8- 2	1	PAFZZN

PART NUMBER	FIGURE AND INDEX NUMBER	QTY PER END ITEM	SMR CODE
MS3181-12N	12- 24	1	PAFZZN
MS3181-8N	12- 25	1	PAFBZN
MS3420-3	8- 31	1	PAFZZN
MS35649-244	F12- 6	1	PAFZZN
MS35649-264B	F 7- 26	4	PAFZZN
MS35649-284B	F 7- 36	16	PAFZZN
MS51957-1B	4- 2	4	PAFZZN
MS51957-10	F 4- 20	4	PAFZZN
MS51957-11B	F13- 13	4	PAFZZN
MS51957-13	3- 9	4	PAFZZN
MS51957-13B	3- 6	13	PAFZZN
MS51957-14	F 7- 2	11	PAFZZN
MS51957-16B	6- 3	27	PAFZZN
MS51957-18	F 7- 15	2	PAFZZN
MS51957-2	4- 17	22	PADZZN
MS51957-2B	F 4- 7	12	PAFZZN
MS51957-27	9- 55	2	PADZZN
MS51957-27B	F 7- 5	4	PAFZZN
MS51957-3	F 4- 17	14	PAFZZN
MS51957-3B	F 4- 7	6	PAFZZN
MS51957-30	F13- 15	10	
MS51957-30B	F 7- 19	12	PAFZZN
MS51957-8	F 4- 15	2	PAFZZN
MS51957-81	7- 37	1	PAFZZN
MS51958-63	F13- 16	4	PAFZZN
MS90311-721	7- 40	2	PADZZN
MS90311-811	14- 13	1	
MS9068-013	4- 29	4	PAFZZN
M24308/1-12	8- 11	1	PAFZZN
M24308/3-1	8- 1	1	PAFZZN
M28748/8D10L1A	8- 30	1	PAFZZN
M39003/03-0140	9- 46	1	PADZZN
M39006/09-8285	9- 9	1	PADZZN
M39006/09-8333	12- 5	1	PADZZN
M39006/20-1011	7- 1	1	PAFZZN
M39012/05-0503	15- 1	1	PAFZZN
M39012/26-0101	15- 5	1	PAFZZN
M39012/56-3007	10- 1	2	PAFZZN
M39012/94-3003	9- 31	1	PADZZN
MS77068-1	8- 33	2	
M39014/01-1201	9- 48	1	PADZZN
M39014/01-1219	9- 36	1	PADZZN
M39014/01-1455	9- 18	5	PADZZN
M39014/01-1461	9- 47	1	PADZZN
M39014/01-1473	9- 16	2	PADZZN
M39014/02-1238	9- 52	1	PADZZN
M39014/02-1407	9- 28	4	PADZZN
M39016/13-057L	9- 58	1	PADZZN
M45938/5-3C	12- 40	4	PAFZZN
M5423/01-01	F14- 13	1	PADZZN
M5423/16-01	12- 27	1	
M55302/4-03	9- 41	1	PADZZN
M55302/6-03	8- 5	1	PAFZZN
M8805/96-009	7- 47A	1	
NAS1081C06D2L	4- 9	2	PAFZZN
NAS1081C06D3L	F 4- 5	5	PAFZZN
NAS1081C06D5L	13- 22	4	PAFZZN
NAS1081C08D4L	F 4- 6	10	PAFZZN
NAS1640-2	F 4- 17	24	PADZZN
NAS1640-2P	F 4- 2	4	PAFZZN
NAS1640-4	F12- 6	1	
NAS1640-4P	F 3- 6	6	PAFZZN
NAS1640-416	F 7- 37	6	PAFZZN
NAS1640-6	F 9- 55	2	PADZZN
NAS1640-6P	F 7- 26	4	PAFZZN
NAS1640-8P	F 7- 36	16	PAFZZN
NAS620C2	F 5- 23	8	PADZZN
NAS620C4	F 3- 9	4	PAFZZN
NAS620C6	F13- 15	10	
NAS671C6	F 9- 55	2	PADZZN
RCR05G102JS	9- 22	1	PADZZN
RCR05G103JS	9- 12	2	PADZZN
RCR05G182JS	9- 14	1	PADZZN
RCR05G5R1JS	9- 34	1	PADZZN
RCR05G510JS	9- 32	1	PADZZN
RCR05G511JS	9- 35	3	PADZZN
RCR05G512JS	9- 4	4	PADZZN
RCR05G513JS	9- 27	1	PADZZN
RCR05G562JS	9- 37	1	PADZZN
RCR07G103JS	9- 6	1	PADZZN

PART NUMBER	FIGURE AND INDEX NUMBER	QTY PER END ITEM	SMR CODE
RCR07G111JS	9- 38	1	PADZZN
RCR07G113JS	9- 45	1	PADZZN
RCR07G2R7JS	9- 51	1	PADZZN
RCR07G221JS	9- 50	1	PADZZN
RCR07G392JS	9- 53	1	PADZZN
RCR07G510JS	9- 30	1	PADZZN
RCR20G132JS	9- 39	1	PADZZN
RCR20G151JS	9- 44	1	
RCR20G222JS	12- 8	1	PADZZN
RCR20G302JS	9- 42	1	PADZZN
RCR20G332JS	12- 9	1	PADZZN
RCR32G160JS	9- 56	2	PADZZN
RNC55H1002FS	9- 11	2	PADZZN
RNC55H1052FS	F 9- 21	1	
RNC55H1102FS	9- 21	1	PADZZN
RNC55H1692FS	9- 5	1	PADZZN
RNC55H2152FS	9- 25	1	PADZZN
RNC55H2430FS	9- 57	1	PADZZN
RNC60H3741FS	9- 8	1	PADZZN
RNC60H3831FS	F 9- 8	1	PADZZN
RNC60H3921FS	F 9- 8	1	PADZZN
RNC60H4021FS	F 9- 8	1	PADZZN
RNC60H4121FS	F 9- 8	1	PADZZN
RNC60H4221FS	F 9- 8	1	PADZZN
RNC60H4321FS	F 9- 8	1	PADZZN
RV6SAYSL503A	5- 7	2	PADZZN
RWR80S1210FM	9- 60	1	
SEP-231-C	4- 15	1	
U79/U	14- 33	2	PADZZN
107003-113	F 5- 14	2	
	F14- 8		
107003-163	F14- 3	7	PADZZN
	F14- 4		
	F14- 8		
	F14- 23		
	F14- 24		
107003-213	F 5- 14	2	
	F14- 8		
107003-513	F 5- 14	2	
	F14- 8		
107034-3204	4- 20	8	PAFZZN
	13- 18		
107045-1202	4- 28	4	PAFZZN
	13- 32		
107100-253	F 4- 12	4	PAFZZN
	F13- 24		
107140-108	12- 22	8	PAFZZN
107213-107	7- 49	6	
107304-104	5- 14	4	PADZZN
	14- 8		
	14- 23		
	F 5- 26		
108110-2	5- 37	8	PAFZZN
108747-7	F13- 5	4	XA
1218-02	F 5- 2	4	PADZZN
	F14- 25A		
128310-1	F 2- 2	2	
135601-105	3- 7	4	PAFZZN
136053-114	5- 38	8	PAFZZN
136054-105	5- 39	8	PAFZZN
136278-1	7- 22	2	PAFZZN
136463-1	12- 18	3	PAFZZN
136471-1	7- 44	4	PAFZZN
136494-1	F12- 2	8	
136616-1	F 7- 3	2	
148051-1	4- 8	4	PAFZZN
	13- 21		
148053-1	4- 10	2	PAFZZN
	13- 20		
148054-1	4- 5	2	PAFZZN
	13- 12		
148059-1	4- 6	10	PAFZZN
	13- 19		
155358-1	4- 11	2	PADZZN
	13- 23		
155745-100	8- 18	1	MFFZZ
155745-101	8- 20	1	MFFZZ
155745-102	8- 19	1	MFFZZ
155745-103	8- 3	1	MFFZZ
155745-104	8- 32	1	MFFZZ

PART NUMBER	FIGURE AND INDEX NUMBER	QTY PER END ITEM	SMR CODE
155745-105	8- 10	1	MFFZZ
155745-106	8- 8	1	MFFZZ
155745-107	8- 34	1	MFFZZ
155745-108	8- 14	1	MFFZZ
155745-109	8- 13	1	MFFZZ
155745-110	8- 25	1	MFFZZ
155745-111	8- 23	1	MFFZZ
155745-112	8- 9	1	MFFZZ
155745-113	8- 24	1	MFFZZ
155745-114	15- 2	1	
155745-115	15- 4	1	
155745-116	15- 3	1	
155745-117	16- 2	1	
155745-120	16- 3	1	
155745-121	17- 3	1	
155745-122	17- 4	1	
155745-123	17- 2	1	
155745-97	10- 2	1	MFFZZ
155745-98	10- 3	1	MAFFZ
155745-99	10- 4	1	MFFZZ
155748-	3- 1	3	MDDDD
	6- 1		
	12- 1		
165335-1	14- 10	1	
165342-801	5- 13	2	PADZZN
	14- 7		
168312-11	5- 25	2	PADZZN
	14- 22		
169318-2	5- 24	2	PADZZN
	14- 20		
169320-2	5- 27	6	PADZZN
	14- 24		
169322-5	5- 17	2	
	14- 15		
169323-4	5- 10	2	PADZZN
	14- 4		
169350-3	5- 19	2	PADZZN
	14- 16		
169364-1	5- 8	2	PADZZN
	14- 2		
169373-1	5- 5	2	PADZZN
	14- 26B		
169374-1	5- 3	2	PADZZN
	14- 26		
185648-3	14- 28	1	
185649-2	12- 13	1	PADZZN
185650-2	12- 11	1	PADZZN
185650-3	12- 12	1	PADZZN
185679-1	8- 17	1	PAFZZN
185682-1	8- 21	1	PAFZZN
185729-3	5- 12	4	PADZZN
	14- 6		
186093-1	12- 14	1	PADZZN
186093-2	12- 16	1	PADZZN
198252-10005	8- 26	1	
1914-05	5- 26	9	PADZZN
	F 5- 7		
	F 5- 9		
	F 5- 10		
	F 5- 19		
	F 5- 26		
	F 5- 27		
1920-02	F 5- 2	2	PADZZN
	F14- 25A		
209399-1	12- 7	7	PADZZN
228031-3	5- 20	2	PADZZN
	14- 21		
325252-1	7- 19	1	PAFZZN
328999-2	12- 6	1	PADZZN
345777-1	4- 3	2	XC
	13- 10		
345778-1	4- 4	2	MDFZZ
	13- 9		
345850-1	5- 35	1	PADZZN
345899-1	5- 9	2	PADZZN
	14- 3		
345899-2	F 5- 12	4	PADZZN
	F14- 6		
345905-1	4- 24	6	PADZZN

PART NUMBER	FIGURE AND INDEX NUMBER	QTY PER END ITEM	SMR CODE
345905-1	13- 28		
345905-2	4- 25	4	PAFZZN
	13- 29		
346393-1	3- 10	1	
346646-1	3- 2	1	XC
346659-1	5- 31	4	PADZZN
	14- 34		
346659-2	F 5- 31	4	PADZZN
	F14- 34		
346659-3	F 5- 31	4	PADZZN
	F14- 34		
346659-4	F 5- 31	4	PADZZN
	F14- 34		
346659-5	F 5- 31	4	PADZZN
	F14- 34		
346659-6	F 5- 31	4	PADZZN
	F14- 34		
346659-7	F 5- 31	4	PADZZN
	F14- 34		
346659-8	F 5- 31	4	PADZZN
	F14- 34		
346659-9	F 5- 31	4	PADZZN
	F14- 34		
347941-1	F14- 1	2	PADZZN
347995-1	F 2- 2	1	
347996-1	5- 32	2	PADZZN
	14- 35		
348118-1	6- 4	1	XA
4028	5- 11	4	PADZZN
	14- 5		
411327-1	12- 10	1	XA
411573-1	9- 59	1	XA
435402-1	13- 7	1	XA
435412-1	5- 30	2	PADZZN
	14- 32		
435611-1	7- 45	1	PAFZZN
435612-801	7- 38	1	PAFFFP
435640-1	7- 35	4	PAFZZN
435641-1	7- 13	2	PAFZZN
439081-1	13- 4	1	XA
447056-2	F 9- 58	1	PADZZN
448504-1	F 5- 4	4	PADZZN
	F14- 26A		
466598-802	3- 5	1	PAFLLT
510671-1	5- 16	12	PADZZN
	14- 12		
511451-1	13- 6	1	XA
511648-1	5- 44	4	PADZZN
511648-2	5- 42	2	PADZZN
511648-3	5- 43	2	PADZZN
511649-1	5- 36	1	PADZZN
512186-1	7- 21	2	PAFZZN
512187-1	7- 23	2	PAFZZN
513972-1	8- 29	1	PAFZZN
513972-801	8- 27	1	PAFZZN
513978-801	14- 37	1	PADZZN
514107-1	7- 32	1	XA
514107-2	7- 31	1	XA
514108-1	7- 46	1	PAFZZN
514108-2	7- 47	1	PAFZZN
514133-1	7- 10	1	PAFZZN
514133-801	7- 4	1	PAFFFP
514134-1	6- 8	1	PAFZZN
514134-801	6- 6	1	PAFFFP
514325-1	7- 15	2	PAFZZN
514491-1	F 7- 2	2	PAFZZN
515271-1	F 7- 15	2	
535299-1	7- 16	1	PAFZZN
538667-802	6- 12	1	PAFLLT
565669-801	12- 3	1	PAFLLT
565696-801	7- 18	1	PAFFFP
	8-	REF	
565698-801	8- 16	1	PAFFFP
565699-801	6- 11	1	PAFFFP
	10-	REF	
566004-801	11- 3	1	
	15-	REF	
566149-802	F 2- 2	2	
	11- 4		
	16-	REF	

PART NUMBER	FIGURE AND INDEX NUMBER	QTY PER END ITEM	SMR CODE
566752-801	F 2- 2	2	
	11- 5		
	17-	REF	
615515-901	9- 7	1	PADZZN
615662-1	4- 14	1	
615883-902	9- 54	1	PADZZN
615969-901	9- 19	2	PADZZN
616384-901	9- 10	1	PADZZN
619905-901	9- 49	1	PADZZN
625692-1	5- 6	2	PBFBZN
	14- 26C		
626404-1	6- 13	1	PAFDDT
660112-1	14- 36	1	PAFZZN
665077-801	5- 33	1	PAFBZN
707005-801	2- 2	2	AFFDD
	6-	REF	
	11- 2		
707042-803	1- 1	1	
	2-	REF	
707042-804	1- 2	1	PAODDT
	11-	REF	
707042-842	F 1- 1	1	PAODDT
	2-	REF	
707042-843	F 1- 2	1	PAODDT
	11-	REF	
707043-801	11- 1	1	PAODDT
	12-	REF	
707048-801	2- 1	1	PAODDT
	3-	REF	
707060-801	F 2- 2	2	PAODDT
	F11- 2		
707650-801	F 2- 2	2	
	F11- 2		
740543-802	F 2- 2	1	
740930-802	F11- 2	1	
79NCFMA1-26	14- 29	2	
79NCFMA2-40	7- 12	7	PAFZZN
	7- 50		
810077-801	6- 14	1	PAFFFP
810267-801	3- 3	1	PAFDDT
	4-	REF	
810586-801	13- 33	1	PAFDDT
	14-	REF	
810621-801	12- 4	1	PAFLLT
810622-801	12- 17	1	PAFZZN
810623-801	12- 2	1	PAFDDT
	13-	REF	
810736-801	14- 1	1	PAFLLT
810753-801	6- 9	1	PBFDDT
	7-	REF	
810768-801	4- 30	1	XB
	5-	REF	
811397-801	6- 10	1	PAFDDT
	9-	REF	
911609-801	4- 27	2	PAFZZN
	13- 31		
911610-801	4- 26	2	PAFZZN
	13- 30		
912236-801	4- 18	1	PADLLT
912237-801	4- 16	1	PADLLT
912303-804	5- 1	2	PADZZN
	14- 25		
912323-802	4- 13	2	PAFLLT
	13- 17		
912346-801	4- 22	4	PAFZZN
	13- 26		
912347-801	4- 23	2	PAFZZN
	13- 27		
914599-801	4- 21	2	PAFZZN
	13- 25		
918837-802	13- 14	1	XA
918850-801	3- 4	1	PAFLLT
918901-803	5- 22	2	PADZZN
	14- 18		
918968-801	3- 8	1	PAFZZN
931720-1	5- 41	1	PADZZN
931720-2	5- 40	1	PADZZN
931721-801	5- 15	4	PADZZN
	14- 11		
932857-1	14- 30	1	

PART NUMBER	FIGURE AND INDEX NUMBER	QTY PER END ITEM	SMR CODE
932857-801	5- 28	2	PAFZZN
	14- 27		
932949-1	13- 8	1	XA
932987-1	3- 11	1	
933272-1	5- 29	1	PADZZN
933274-1	5- 45	1	PAFZZN
933274-801	5- 34	1	XB
933275-1	13- 3	1	XA
933275-2	13- 5	1	XA
933276-801	4- 1	2	PAFZZN
	13- 1		
934561-1	7- 25	2	PAFZZN
936303-1	4- 7	2	PAFBZN
	13- 11		
937282-1	12- 23	1	XA
937283-1	13- 16	1	PAFZZN
937360-1	7- 33	1	XA
937361-1	7- 2	1	PAFZZN
937362-1	7- 34	1	XA
937362-801	7- 30	1	PAFZZN
937417-1	7- 14	1	PAFZZN
937417-801	7- 11	1	PAFFFP
937418-1	7 -29	1	XA
937418-801	7- 27	1	PAFZZN
937419-1	7- 3	1	PAFZZN
937420-1	13- 13	2	PAFZZN
937421-1	12- 21	1	XA
937421-801	12- 19	1	PAFBZN
937422-1	14- 31	1	MDFZZ
937423-1	6- 5	1	XA
937423-801	6- 2	1	PAFZZN
937424-1	7- 51	1	XAFDDN
937424-801	7- 48	1	XAFDDN
938106-1	8- 6	1	PAFZZN
938106-801	8- 4	1	PAFZZN
939238-1	7- 41	2	
	12- 26		

SECTION IV

REFERENCE DESIGNATION

REFERENCE DESIGNATION	FIGURE AND INDEX NUMBER	REFERENCE DESIGNATION	FIGURE AND INDEX NUMBER	REFERENCE DESIGNATION	FIGURE AND INDEX NUMBER
P3	15- 1	39A1A2XA4P1	5- 12	40A1A3S8	14- 24
P8	15- 5	39A1A2XA4P2	5- 12	40A1A3S9	14- 7
WX5P1	17- 5	39A2	3- 4	40A1A3VR1	14- 14
WX5P2	17- 1	39W6	3- 5	40A1A3XA4P1	14- 6
W5P2	16- 1	40	11- 1	40A1A3XA4P2	14- 6
39	2- 1		12-	40A1A4	13- 23
	3-	40A1	12- 2	40A2	12- 17
39A1	3- 3		13-	40W1	12- 3
	4-	40A1A1	13- 17		12- 10
39A1A1	4- 13	40A1A2	13- 14	40W1A1	12- 4
39A1A2	4- 30	40A1A3	13- 33	40W1A1C1	12- 5
	5-		14-	40W1A1E1	12- 7
39A1A2A2	5- 22	40A1A3A1	14- 25	40W1A1E2	12- 7
39A1A2A3	5- 1	40A1A3A1S12	14- 26	40W1A1E3	12- 7
39A1A2A3S12	5- 5	40A1A3A1S14	14- 26B	40W1A1E4	12- 7
39A1A2A3S14	5- 3	40A1A3A2	14- 18	40W1A1E5	12- 7
39A1A2A5	5- 28	40A1A3A3	14- 1	40W1A1E6	12- 7
39A1A2A6	5- 15	40A1A3A5	14- 27	40W1A1E7	12- 7
39A1A2A7	5- 15	40A1A3A5J3	14- 28	40W1A1L1	12- 6
39A1A2E1	5- 11	40A1A3A6	14- 11	40W1A1R1	12- 8
39A1A2E2	5- 11	40A1A3A7	14- 11	40W1A1R2	12- 9
39A1A2R1	5- 7	40A1A3E1	14- 5	40W1A1S16	12- 13A
39A1A2R2	5- 7	40A1A3E2	14- 5	40W1J1	12- 14
39A1A2R3	5- 20	40A1A3J1	14- 33	40W1J2	12- 16
39A1A2S1	5- 24	40A1A3J2	14- 33	40W1J3	12- 15
39A1A2S10	5- 25	40A1A3R1	14- 21	40W1P1	12- 11
39A1A2S11	5- 10	40A1A3S1	14- 20	40W1P2	12- 13
39A1A2S2	5- 17	40A1A3S10	14- 22	40W1P3	12- 12
39A1A2S3	5- 8	40A1A3S11	14- 4	41	2- 2
39A1A2S4	5- 21	40A1A3S15	14- 13		6-
39A1A2S5	5- 19	40A1A3S2	14- 15		11- 2
39A1A2S6	5- 27	40A1A3S3	14- 2	41A1	6- 9
39A1A2S7	5- 27	40A1A3S4	14- 17		7-
39A1A2S8	5- 27	40A1A3S5	14- 16	41A1C1	7- 1
39A1A2S9	5- 13	40A1A3S6	14- 24		
39A1A2VR1	5- 18	40A1A3S7	14- 24		

REFERENCE DESIGNATION	FIGURE AND INDEX NUMBER	REFERENCE DESIGNATION	FIGURE AND INDEX NUMBER	REFERENCE DESIGNATION	FIGURE AND INDEX NUMBER
41A1F1	7- 42	41A2C11	9- 46	41A2R24	9- 35
41A1L1	7- 19	41A2C12	9- 18	41A2R25	9- 25
41A1PS2	7- 16	41A2C13	9- 18	41A2R26	9- 27
41A1S1	7- 40	41A2C14	9- 36	41A2R27	9- 21
41A1S2	7- 47A	41A2C15	9- 18	41A2R28	9- 4
41A1W1	7- 18	41A2C16	9- 18	41A2R29	9- 22
	8-	41A2C17	9- 18	41A2R3	9- 14
41A1W1E1	8- 33	41A2C18	9- 20	41A2R30	9- 12
41A1W1E2	8- 33	41A2C19	9- 28	41A2R31	9- 38
41A1W1J1	8- 15	41A2C20	9- 20	41A2R32	9- 50
41A1W1J11	8- 22	41A2C3	9- 16	41A2R33	9- 39
41A1W1J12	8- 7	41A2C4	9- 9	41A2R34	9- 60
41A1W1J2	8- 12	41A2C5	9- 28	41A2R4	9- 8
41A1W1J3	8- 26	41A2C6	9- 47	41A2R5	9- 53
41A1W1P1	8- 2	41A2C7	9- 48	41A2R6	9- 57
41A1W1P3	8- 30	41A2C8	9- 28	41A2R7	9- 56
41A1W1P4	8- 11	41A2C9	9- 28	41A2R8	9- 56
41A1W1P5	8- 4	41A2J1	9- 41	41A2R9	9- 6
41A1W1P6	8- 1	41A2J2	9- 31	41A2U1	9- 54
41A1W1W1	8- 16	41A2K1	9- 58	41A2U10	9- 17
41A1W1W1J13	8- 21	41A2Q1	9- 3	41A2U11	9- 23
41A1W1W1P2	8- 17	41A2Q2	9- 3	41A2U12	9- 26
41A1W1XA1P5	8- 5	41A2Q3	9- 33	41A2U13	9- 23
41A2	6- 10	41A2Q4	9- 33	41A2U2	9- 13
	9-	41A2Q5	9- 3	41A2U3	9- 7
41A2CR1	9- 43	41A2R1	9- 4	41A2U4	9- 49
41A2CR10	9- 1	41A2R10	9- 5	41A2U5	9- 19
41A2CR11	9- 1	41A2R11	9- 4	41A2U6	9- 24
41A2CR12	9- 1	41A2R12	9- 4	41A2U7	9- 29
41A2CR13	9- 2	41A2R13	9- 11	41A2U8	9- 40
41A2CR14	9- 2	41A2R14	9- 44	41A2U9	9- 19
41A2CR2	9- 43	41A2R15	9- 45	41A2VR1	9- 15
41A2CR3	9- 1	41A2R16	9- 51	41A2VR2	9- 10
41A2CR4	9- 2	41A2R17	9- 35	41BT1	6- 14
41A2CR5	9- 2	41A2R18	9- 37	41PS1	6- 12
41A2CR6	9- 2	41A2R19	9- 12	41W1	6- 11
41A2CR7	9- 1	41A2R2	9- 42		10-
41A2CR8	9- 2	41A2R20	9- 30	41W1P1	10- 1
41A2CR9	9- 1	41A2R21	9- 32	41W1P2	10- 1
41A2C1	9- 16	41A2R22	9- 34	41Y1	6- 13
41A2C10	9- 52	41A2R23	9- 35		